

August 1985

THE HEIGHTS OF PUZZLING

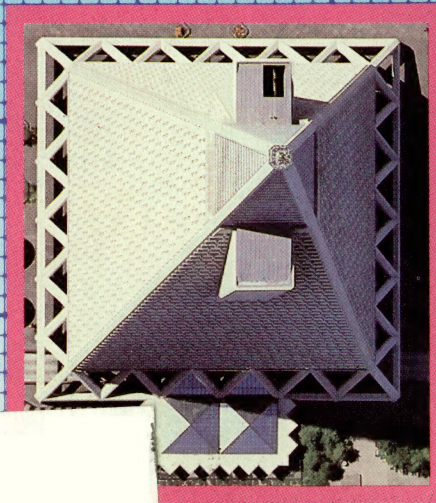
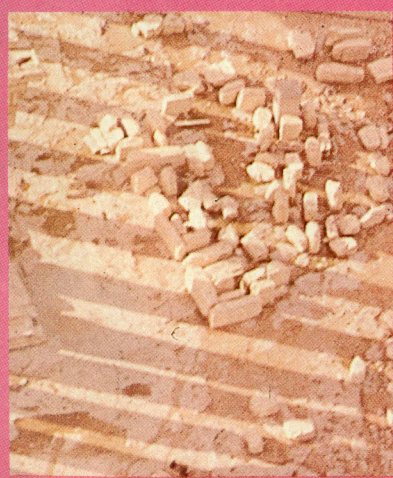
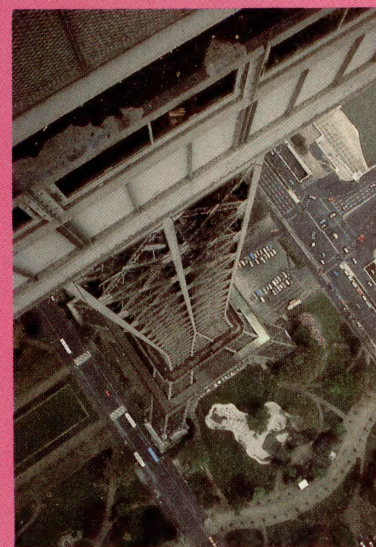
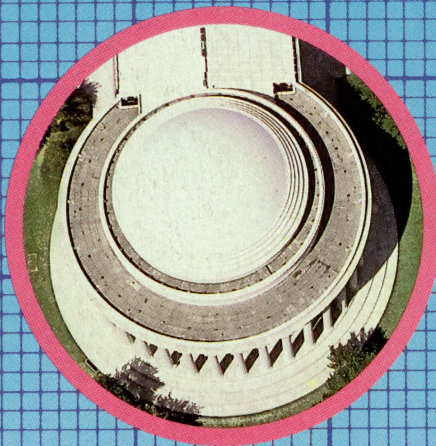
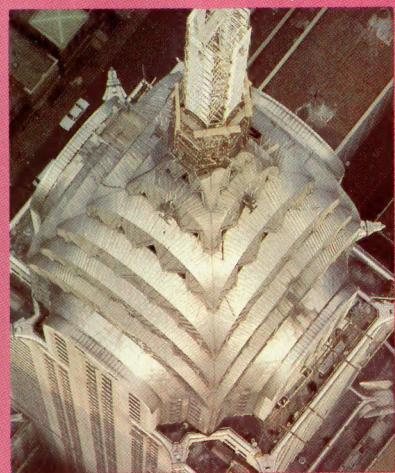
\$1.75

GAMES

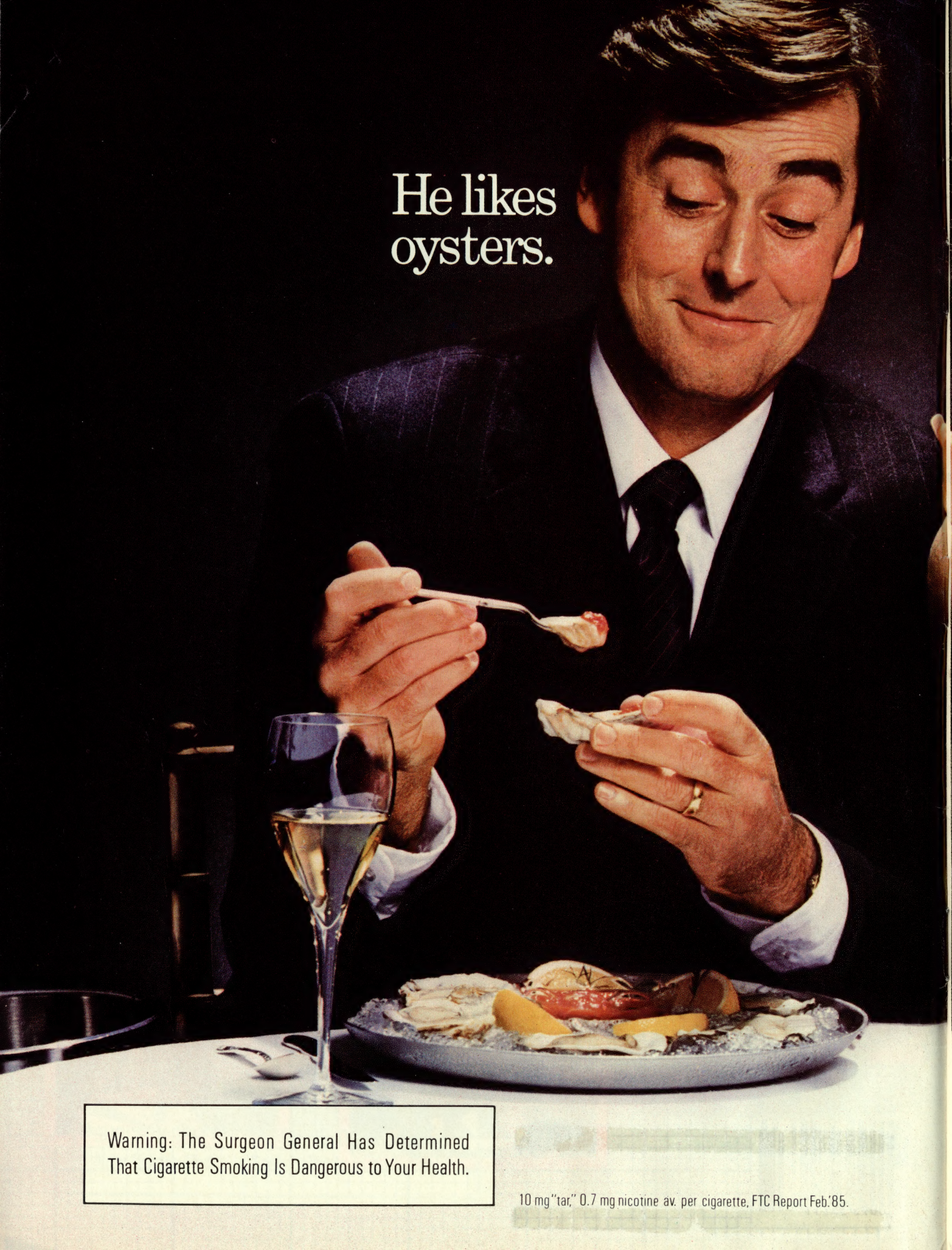
**ON TOP OF
THE WORLD!**

Can you place these aerial views?

Answers, page 64



#110G**CAR-RT-SORT** CR11
#16801/J6A16#
JUL87
19018 66A99 16A99 19018

A man in a dark pinstripe suit, white shirt, and dark tie is seated at a table. He is holding a fork with a small oyster on it, about to eat it. He has a satisfied expression with his eyes closed. On the table in front of him is a plate of oysters on ice, garnished with lemon wedges and a tomato. A tall, slender glass filled with white wine is also on the table. The background is dark and out of focus.

He likes
oysters.

Warning: The Surgeon General Has Determined
That Cigarette Smoking Is Dangerous to Your Health.

10 mg "tar," 0.7 mg nicotine av. per cigarette, FTC Report Feb '85.

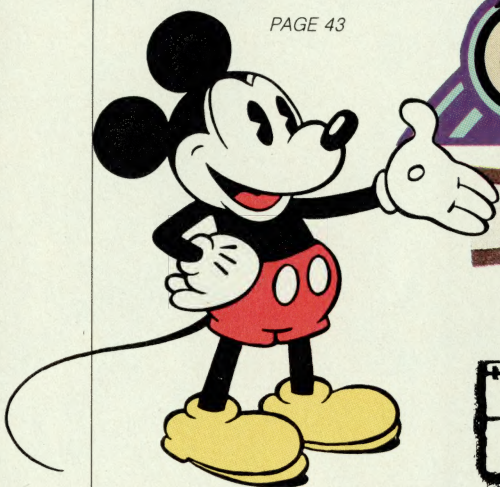
She likes
pearls.

But there's
one taste they
agree on.

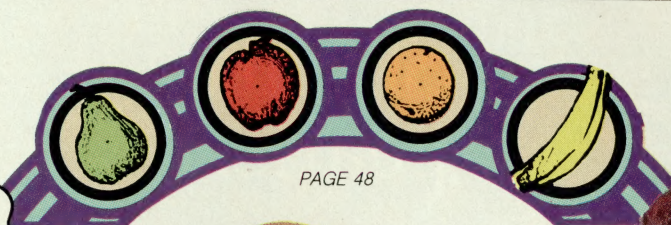
Benson & Hedges
America's Favorite 100.



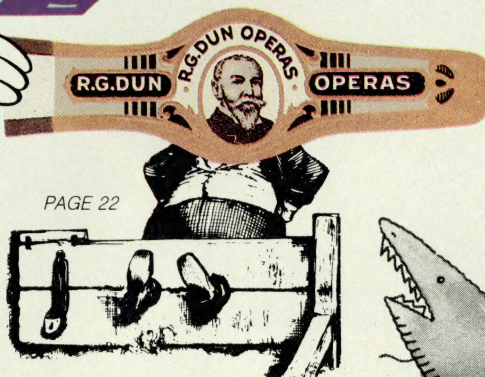
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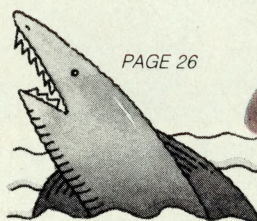
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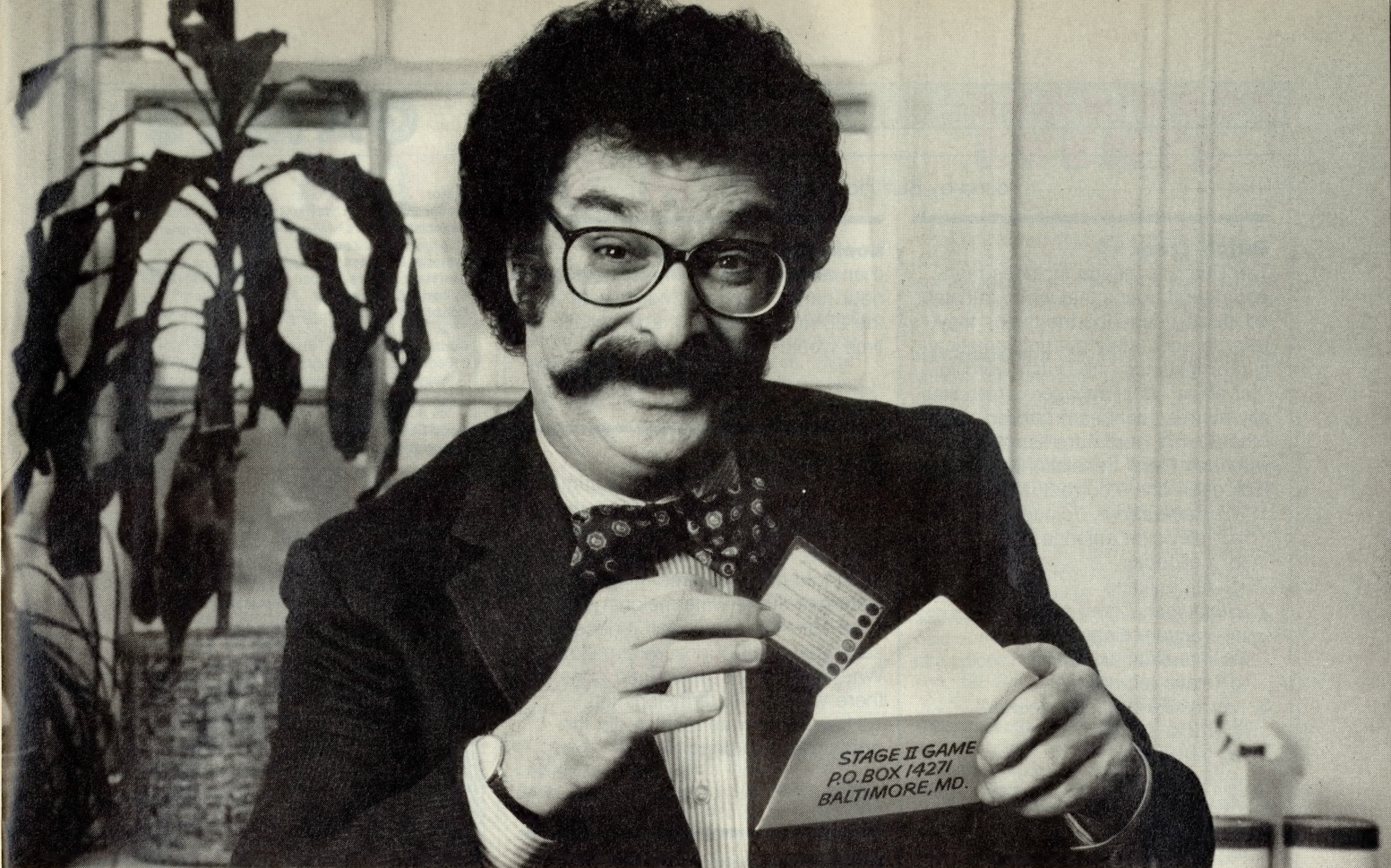
Difficulty Rating

Smooth Sailing ★

Uphill Climb ★★

Proceed at Your Own Risk ★★★

Mixed Bag ★★



Q: What do you get when you put a Trivial Pursuit® Card in an envelope?

A: A free sampler set of Stage II™, the new two-stage trivia game.

What's Stage II, you ask?

To find out, answer these questions. Who was the hero of Wuthering Heights? The boxer played by Sylvester Stallone? The second president assassinated?

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What are you waiting for?

An offer like this isn't going to last long. So stop reading and send in your card now.

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Baltimore, MD 21268



Allow 6-8 weeks for delivery. Replies must be received no later than Sept. 15, 1985. Limit one sampler per household. 50 U.S. states only.

Milton Bradley reserves the right to randomly distribute any unawarded samplers.

Name _____

Address _____

City _____

State _____ Zip _____

<input type="text"/>	<input type="text"/>	<input type="text"/>
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Area Code

Telephone Number

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Edited by Burt Hochberg

Dutch Treat ★★

The Dutch language includes many compound nouns that when translated literally describe the things they refer to accurately but unidiomatically. For instance, the Dutch word for "jet plane" is *straaljager*, which literally means "sunbeam chaser." Six other Dutch words are listed below with their literal translations. Can you pick each one's correct meaning?

1. *Wolkenkrabber*, "cloud scratcher"
 - a. television antenna
 - b. helicopter
 - c. tall building
2. *Stofzuiger*, "dust sucker"
 - a. vacuum cleaner
 - b. industrial exhaust fan
 - c. static ion charger
3. *Verrekijker*, "distant-looker"
 - a. radar screen
 - b. telescope
 - c. fortune-teller
4. *Aardappel*, "earth apple"
 - a. potato
 - b. boulder
 - c. acorn
5. *Kippevel*, "chicken skin"
 - a. plastic wrap
 - b. goosebumps
 - c. feather
6. *Neushoorn*, "nose horn"
 - a. sneeze
 - b. handlebar mustache
 - c. rhinoceros

Josh Pachter
Baiersdorf-Hagenau, W. Germany

Statesmanship ★★

Here's a little quiz to test your knowledge of the 50 states. You might want to use #3 as a stumper in a trivia game sometime.

1. Can you name the seven letters of the alphabet that are not the initial letters of any state?
2. Can you name the eight states whose names contain only one vowel, not counting Y? (The single vowel may appear more than once.)
3. If all the states were listed in the order in which they entered the Union and also in alphabetical order, which state would appear in the same position on both lists, and what would that position be?

Matt Linford, Salt Lake City, UT
Kenneth Rosenzweig, Brooklyn, NY

Look, Ma, One Hand ★

If an accurate watch had only an hour hand, and if that hand were at the 28-minute mark, exactly what time would it be?

Mark Kantrowitz
Brookline, MA

Half and Half ★★

On a particularly hot day last summer, a grocer displayed all his watermelons in front of his store. In the next few minutes, five customers each told him the same thing: "I want half of the watermelons you have left—cut one in half if necessary—plus half of one watermelon." When the fifth customer had gone, there were no watermelons left.

How many watermelons did the grocer have to begin with?

Lisa M. Damian
Carnegie, PA

Cryptotwins ★★★

While solving cryptograms recently, I wondered if it was possible to make a single cipher that had two equally valid solutions deriving from two different sets of letter substitutions. After several hours of trying, my best effort was MERJ MEP TEWFL, which can be deciphered as both THIN THE SHRUB and CATS CAN LAUGH. Can anyone improve?

Jan Ackerson
Three Oaks, MI

There's been very little research in this area, so we offer GAMES readers a chance to make cryptogram history. We'll award a GAMES T-shirt for the cryptotwin that best meets these criteria: (1) Both solutions should be natural, coherent phrases or sentences, not just disconnected words; (2) the number of different ciphertext letters should be as great as possible (the above example uses nine); (3) overall length should be as great as possible. In addition, no ciphertext letter may stand for the same plaintext letter in both solutions. Entries should be sent to Your Move and must be received by September 3, 1985.—Ed.

Answer Drawer, page 58

Your Move is a column of original puzzles and other material submitted by readers. We pay \$15 and up for each item we publish. We reserve the right to revise puzzles and edit manuscripts for clarity. None can be returned unless accompanied by a stamped, self-addressed envelope.

GAMES

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Insert: Vantage pages 56-57

LETTERS

In the Cards

Loved the June cover, "Panama Bones and the Temple of Cards," and the related "Fall of the House of Cards" puzzles (page 20). But those darn subscription cards are another story! Every month when I open the new GAMES, the first thing I do is tear them out and toss them. I'm already a subscriber—can't you leave them out of my copy?

Lou Close
Hidden Valley, GA

Sorry you find the insert cards annoying, but they're part of every issue. Here's hoping you'll find them a little more rewarding this month. —Ed.

Envelope of the Month



Ross Brown
Gloucester, Ontario

Periodical

A letter in the June issue (page 4) showed a postage stamp bearing a likeness of "Harry S. Truman" and stated that there should be no period after the S because it didn't stand for a real middle name.

I beg to differ. While there's been a dispute about that S for some time, Margaret Truman Daniel has said that her father got tired of arguing about it and eventually placed a period after his middle initial. And in *The New York Times* of April 28, 1985, she verified at the dedication of the Truman House that "there is a period after the S. My father always put the period there, even though it doesn't stand for any name."

While "always" is too strong a word, he consistently used a period in later life.

Milton (no middle initial) Bass
Brooklyn, NY

The house is officially known as the Harry S Truman National Historical Site. Yet six blocks away stands the Harry S. Truman Library. We give up. —Ed.

Student's Aid

I recently took the Graduate Record Exam (GRE) and did quite well in the analytical portion—not surprising, since I "studied" by doing the logic puzzles in GAMES. Now if I can get the IRS to agree that my subscription is an educational expense . . .

Linda Toole
Rochester, NY

Reading Between the Words

The recent flap over the Ringling Bros. and Barnum & Bailey Circus's much publicized unicorn led me to compose the following "Hidden Clue" puzzle (see March, page 35). Filling in the blanks will yield an appropriate word and also complete the phrase:

RIN_LING BR_THERS _TTRAC_ION
Karen Bicsak
Hamburg, NJ

Readers submitted several other "Hidden Clues." Can you solve these?—Ed.

1. _LPHA_ETI_AL OR__R
2. BAN_ INST__ENT
3. VIC_O_L_ STAT_O_

Answer Drawer, page 58

LAUNDRY

If a reader finds a significant error of fact or a mistake that affects the play of a game, and we agree the slip needs to be laundered, we'll print the first or best letter and send the writer a GAMES T-shirt.

Mistakes: June

★ You mixed up your answers in "Sneak Previews" (Gamebits, page 7), in which five movies were rated by means of various graphic symbols. How about this order?

1. *Purple Rain*
2. *Friday the 13th, Part II*
3. *King Kong*
4. *Butch Cassidy and the Sundance Kid*
5. *A Passage to India*

Sara Goshorn
Olive, KY

★ Clue 6-Down of the crossword "Headlines" (page 38) is "Popular assembly game of the '50s"—and the correct answer is COOTIE, not KOOTIE.

Valerie Delaney
Midland, MI

May

★ Each question of the "Extreme Measures" quiz (page 22) asked readers to match three items from a list with appropriate statistics. Since each question gave three verbal choices and three numerical choices, either zero, one, or three matches could be correct. Your scoring system, however, allowed for an impossibility—two correct matches.

Leslie Mendez
Oak Park, IL

★ Clue 8 of the "'B' Hive" puzzle (page 25) is "*Becket* co-star Sir Richard"; BURTON fits in the grid. The late Mr. Burton was never knighted; *Sir* Richard Burton was a 19th-century explorer.

B. Russell
Scarborough, Ontario

EVENTS

If you plan to attend any of these events, write or call to check entry fees, dates, sites, eligibility, etc. Include a stamped, self-addressed envelope with your request. If you know of other events suitable for this column, write to Events, c/o GAMES.

Backgammon Players from novice to advanced can compete at the Green Mountain Festival of Backgammon, July 30–August 4, at the Stratton Mountain Inn in Stratton Mountain, Vermont. Entry fees range from \$50 to \$250, depending on skill. Contact: International Backgammon Assoc., 1300 Citrus Isle, Ft. Lauderdale, FL 33315.

Chess Players will engage in heated competition at the U.S. Open Chess Championship at the Diplomat Hotel in Hollywood, Florida, August 4–16. Cash prizes total \$30,000. A separate tournament will be held at the same location for high-school champions. Contact: U.S. Chess Federation, 186 Route 9W, New Windsor, NY 12550, or call (914) 562-8350.

Crosswords Finals of the GAMES/Merriam-Webster U.S. Open Crossword Championship take place August 17 at New York University's Eisner & Lubin Auditorium, 566 La Guardia Pl., New York, NY. Day-long solving ends at 3:30 P.M.; at 5 P.M., three finalists square off onstage for the \$1,500 grand prize and a six-foot championship pencil. Spectators may enter free after 4 P.M. and join the group word games.

Cryptology The American Cryptogram Association will hold its 50th annual convention, August 23–25, at the Bond Place Hotel in Toronto. Contact: Louis Kruh, ACA President, 17 Alfred Rd. W., Merrick, NY 11566, or call (516) 378-0263.

Darts Over \$50,000 will be awarded to fine dartists at the North American Open Dart Tournament, August 16–18, at the Hotel Sahara in Las Vegas. Entry fees range from \$16 to \$25. Contact: Southern California Darts Association, 11119 W. Washington Blvd., Culver City, CA 90231, or call (213) 839-6972.

Frisbee The Eighth World Flying Disc Championships will be held August 6–11 at the University of California at Santa Cruz. Contact: World Disc Championship, Box 73, Capitola, CA 95010, or call (408) 462-5293.

Othello The 1985 U.S. Othello Championship will take place in September. First prize is a trip to the International Othello Championship tournament in Athens, Greece. Regional eliminations begin in August. Contact: U.S. Othello Assn., Box 342, Falls Church, VA 22046, or call Arnold Kling at (202) 452-2349.

Tanning The Sixth Annual Miscellaneous Sun Tanning Tournament, held in Ocean City, New Jersey, on August 29, affords sun worshippers a chance to compete in such categories as best left-arm tan (for drivers) and Golden Dome (best-tanned bald head). Contact: City of Ocean City, PR Dept., City Hall, Ocean City, NJ 08226, or call (609) 399-6111.

GAMEBITS

Edited by Curtis Slepian

Brown Bagging It

It was 9:00 in the morning and already the tension in the supermarket was rising like the price of milk. Near the registers, baggers in bright red A & P uniforms milled nervously about. No, they weren't awaiting inspection by the store manager—they were psyching themselves up for the start of The Great East Coast Paper Grocery Bag Pack-Off.

These 18 competitors were selected for their bagging expertise from 2,000 A & P employees in stores throughout New Jersey and metropolitan New York. The peerless packers, ranging in age from 17 to 46, were now about to strut their stuff for a \$1,000 grand prize.

Whether they used the two-handed cross-over technique or the one-handed stuff, every contestant bagged the same 38 items, which included canned vegetables, boxes of cereal and spaghetti, a jar of mayonnaise, a bag of potato chips, and a TV Guide.

Stern-faced judges awarded points for speed, efficient bag usage (better two than three), style and attitude (keep smiling), weight (each bag should weigh about the same), and building technique. For the latter category, judges slit open bags to see if heavy items were on the bottom, glass products in the middle, and fragile items on top.

Contest observers thought that last year's inaugural champ, Cheryl King, had this one in the bag. A 22-year-old occupational therapy major at Kean



Bagging king Karen Cosentino

College in New Jersey, King had become the queen of checkers, an instant supermarket celebrity.

Paul DiGregorio, a 19-year-old from Fords, New Jersey, who was eliminated in this year's preliminary round, was certain King had been practicing for her title defense. Looking at the newspeople hovering around her, he said wistfully, "Once you get a taste of fame, you want more."

But King said she had been too keyed up to practice, and would rely instead "on instinct," like all great athletes. A 4½-year veteran of the A & P, King proves that sometimes nice gals finish first: She confesses that she never throws anyone off the express line for having more than 10 items.

But the leader of the packers after the preliminary rounds was 24-year-old Patrick DeVito from Rockville Centre, New York, who finished bagging in 52 seconds, 7 seconds longer than last year's record time.

Though only a handful of men were competing, DeVito believes they are better packers than women—faster, stronger, more aggressive.

DeVito had to bag his theory after the finals, when Karen Cosentino, a 32-year-old part-time bagger from Lodi, New Jersey, collected the top prize. DeVito and third-place finisher King each picked up \$500.

Despite the momentousness of the event, early-morning shoppers were unimpressed. One woman pushing her way through the crowd with a full cart muttered irritably, "I'm a real shopper. Can I get out of here?" —C. S.



If the Shoe Fits

As far as Adidas is concerned, there's no business like shoe business. The largest manufacturer of sports shoes in the world, Adidas produces a whopping 280,000 pairs a day, 253 different models for more than 35 different sports—from bobsledding to Greco-Roman wrestling.

Though the West German company wasn't incorporated until after World War II, this year marks the 65th birth-

day of its first shoe—a simple gym sneaker, designed by Adidas's founder, Adi Dassler.

To celebrate the occasion, we thought we'd give you summer athletes the runaround. Can you earn your three stripes by matching the specialized Adidas shoe (1½ 8, above) to the sport it was made for? —C. S.

- | | |
|----------------|------------------|
| a. Soccer | e. Curling |
| b. Track | f. Cycling |
| c. Boxing | g. Weightlifting |
| d. Parachuting | h. Football |

Answer Drawer, page 58





Chess queens Sofia (left) and Zsuzsa Polgar

The Girls Check In

When you meet her, talk about the best restaurants in Budapest, or practice your Esperanto, or ask her for a date. But don't, if you value your ego, play chess with her. Or with her 10-year-old sister. Or with her *eight*-year-old sister.

Zsuzsa Polgar is 16 years old, a native of Budapest, Hungary, a fluent speaker of six languages, and the highest-rated woman chess player in the world, higher even than the reigning women's world champion, Maya Chiburdanidze of the Soviet Union.

When Zsuzsa (pronounced ZHOO-zhah) was four, she learned chess from her father, Laszlo, a psychology teacher, and was immediately transformed from an imp into a prodigy. "She was very active, very much trouble," says her mother, Klara, who until three years ago was a teacher of Russian and German and who now accompanies Zsuzsa on her international chess itinerary. "Chess calmed her down."

When Zsuzsa was five and barely able to reach across a chessboard, she won every game in the Budapest under-11 championship. At 11 she became the world under-16 champion, and two years later finished eighth in the powerful Hungarian national championship, an incredible coup for one so young.

Last April, three weeks before her 16th birthday, she played in the \$50,000 New York International, "the strongest tournament I was ever in," she says. She finished with a score of 5½-3½, a result she considers "satisfactory" despite a loss in the last round that knocked her out of the winners' circle. She makes no excuses for that crucial disappointment: "I blundered," she says with a shrug,

displaying the maturity of a seasoned veteran. (One of her opponents called her "a real gentleman.") But she was pleased with her win against Eugenio Torre, a grandmaster from the Philippines: "He was a contender for the world championship a few years ago."

Does Zsuzsa herself aspire to the world championship? "It's possible," she says. "One has to have luck, everything has to be good." But she's talking about the *men's* world championship, not the women's. "I am not interested in playing other women. They are not strong enough, not challenging. I want to play only strong players."

She makes exceptions, however, for her sisters, Sofia, 10, and Judith, 8. "Sofia is much stronger than I was at her age," Zsuzsa says. "She even beats me sometimes." Sofia played in the "amateur" section of the New York International, where her score of 5½-3½ will probably earn her a master's rating. Sofia, who speaks no English, is as hyperactive as Zsuzsa is mature. "Chess did not change her," sighs Klara Polgar.

How does the mother of these remarkable children account for chess lightning striking three times in the same family? "No child has any talent when she is born," she says as Zsuzsa nods in agreement. "It depends how they are taught. Zsuzsa and Sofia are talented, but I think Judith will really surprise the chess world."

—B. H.

What's in a Name

On a shelf in his London office, John Murphy has a collection of products that sound like a Hall of Fame of lampoon advertisements. From Japan, there are Pocket Wetties (moisturized tissues) and Blow Up for Men (spray deodorant); from Morocco, Stiff (hair straightener); and from Spain, Cow (shaving foam) and the onomatopoeically named Piss (hairspray).

Murphy, the head of a trademark and brand-name consulting firm called Interbrand, makes it his business to come up with names that sound good and won't meet disaster in translation—unlike those listed above, *not* by Murphy. Among his successes are Pontiac Fiero, Magnum Malt Liquor, Dial-A-Lash from Maybelline, Helena Curtis's Finesse, and Rondo, a soft drink from Schweppes.

Helping Murphy in the name game is a computer programmed to randomly generate letter combinations. For

Animal Bloopers of the Month

Submitted by Paula Plowey, Bensalem, PA, and Deborah Mariani, Leavenworth, KS.

CATORIS CANDY (THE FINEST CANDY IN LIFE)

HAS DONE IT AGAIN
THEY MADE THE BIGGEST SOLID
CHOCOLATE RABBIT YOU HAVE EVER SEEN
AND WE HAVE IT AT OUR JEANNETTE STORE
COME IN AND GUESS THE WEIGHT OF THIS
52 LB. CHOCOLATE BUNNY

—Greensburg (Pa.) *Tribune-Review*

MISCELLANEOUS PETS

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—Kansas City *Times*

example, tell it you want a three-syllable word that starts with the letters "Bre" and it will spit out every possible permutation. So far the computer has only one product to its credit, a British beer named Briggan.

But Murphy's main tool is a panel of consumers that kicks around names almost every weeknight in Interbrand's office. The sessions last two hours; after that everyone is too tired to think. When late one night the group sampled a breakfast food that looked and tasted like grated cardboard, they giddily suggested the names Feedbag, Hillbilly, and Compost.

Where do the panelists come from? Considering what's at stake, one imagines that Murphy must carefully choose a good demographic cross-section. "Actually, I run a want ad in the London *Times*. I look for people who are very good at crossword puzzles, and the London *Times* has the toughest puzzles in the world. People who are good at puzzles are usually very intelligent and articulate." We can't argue with that. —Fran Severn

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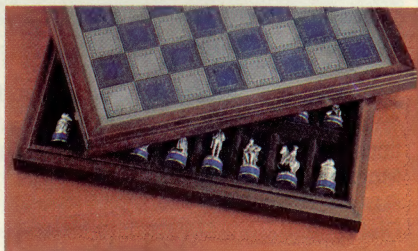
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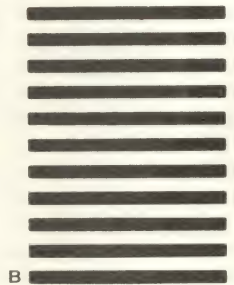
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Weather Wise

POSTAL WOES ★

by E. Cox and H. Rathvon

"Neither snow, nor rain, nor heat, nor gloom of night stays these couriers from the swift completion of their appointed rounds." This motto, which had inspired young Cary Saxwell to become an employee of the U.S. Postal Service, proved in his very first week at work to be quite ironic. For it happened that over the course of four days (Monday through Thursday), the forces mentioned in the motto (snow, rain, heat, and gloom) did keep poor Cary from the completion of his rounds.

A deluge soaked Cary to the bone and, worse, washed half his bundle of letters down a storm drain. This happened later in the week than the unseasonable heat wave that caused him to faint at the crest of a hill (and to drop his bag in the road, where it was squashed by a cement truck). A severely overcast day grew so dark and gloomy that he lost his way and delivered all his mail on the wrong street, followed the next day by a blinding blizzard that covered his sheaf of magazines in a snowdrift. On Friday, Cary reflected that his worst day had been the hot one, and he was glad it hadn't come on Monday or he might have quit on the spot.

Which climatic misfortunes befell Cary on which day?

FOUR CASTERS ★★

by Mary Marks Cezus

Four young hopefuls breezed into radio station KOOL in Fairview to audition for the position of weatherperson. With lightning speed they delivered their lines, and their performances were ranked from one to four (one being the

best and four the poorest). In a flurry of motion Misty McCloud, KOOL's secretary, typed and posted the applicants' names, ranks, and forecasts:

1. Sonny Rains—Hot and sunny
2. Gale Bright—Warm and hazy
3. Clare Snowdon—Cool and cloudy
4. Wendy Hale—Thunderstorms

In a flash, KOOL's boss, Gus Coolidge, thundered into the office. Misty wanted to bolt, but endured his torrent of words.

"You sure put a damper on things, Misty! You flooded that list with errors! No one—not a first name or a last name—is ranked in the right place. And neither are the forecasts—they're all mismatched. Not one is listed with the first or last name of the person to whom it applies! Moreover, you didn't even match the candidates' first and last names correctly—you've mismatched every single one!"

Being slightly winded, Gus paused. Seeing Misty's eyes clouding with uncertainty, he went on in a gentler tone.

"I'm going to give you some tips, and then you'd better get this mess untwisted. Wendy and Snowdon are both in a dither. Wendy predicted that it would be warm and hazy. The other woman is Ms. Hale. And I certainly hope you know that Sonny and Gale are men's names."

Finished with his flood of comments, Gus stormed out of the office.

"You old foggy! I think you're all wet!" Misty muttered to his disappearing back. But she applied herself logically to the task at hand and soon produced a new list that was correct in every detail.

Can you do the same?

A BREEZY EXCHANGE ★★★

by Virginia C. McCarthy

One night on Gala Way a localized storm brewed while the residents dozed peacefully in their beds. Soon the wind blew fiercely in all directions, and the extent of the problems it caused was revealed the following day.

The six Gala Way families—the Esterleys, Westerleys, Blustreys, Dustivals, Updrafts, and Eddys—awoke the next morning to an eye-opening scene of confusion. For overnight the wind had blown a sizable object both *to* and *from* each of the six properties. Gala Way has three houses on the north side (numbers 0, 10, and 20) and three houses on the south side (numbers 1, 11, and 21).

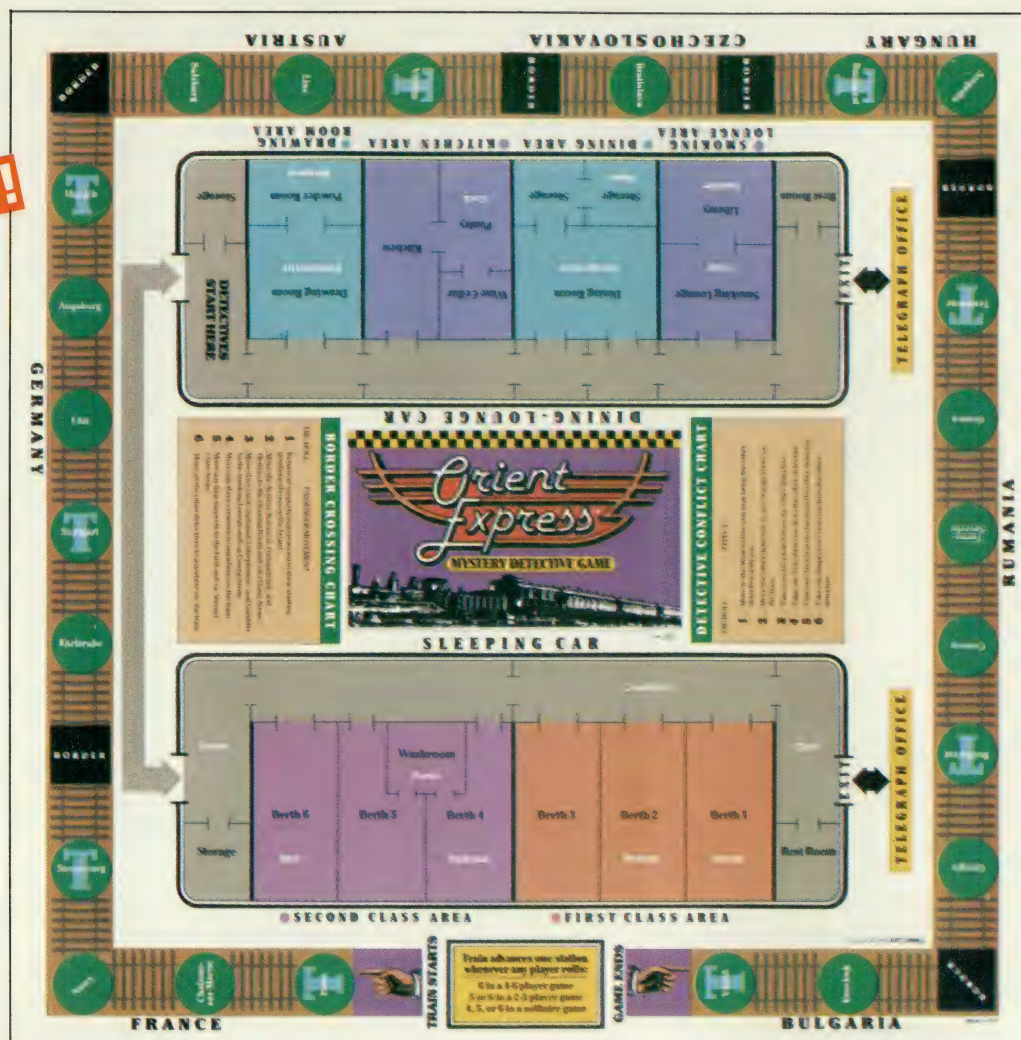
From the following account of the storm's aftermath, can you determine which family lives in each house and who lost *and* found which objects?

1. When the family dog exited 11 Gala Way, he looked in vain for his doghouse and found, instead, a strange bristly welcome mat.
2. When Mr. Blustrey threw open his front screen door to greet the day, he found coffee grounds on his front stoop and, not far away, an unfamiliar garbage can marked "0 Gala Way."
3. The Eddys were embarrassed to be shown their blown-away bag of fertilizer crushing a neighbor's shrubbery.
4. When the Westerleys built an indoor fire that morning, their living room instantly filled with smoke. They rushed out the front door, banging the screen door behind them, only to learn that their fireplace was not venting properly because their chimney had been mysteriously covered with a blanket.
5. The Updrafts do not own a dog.
6. The residents of 20 Gala Way, though vaguely aware of the loose hinge on their front door screen, were surprised to find that the door had been blown clear into the driveway of 1 Gala Way.
7. When Mrs. Dustival went to her backyard to fetch the blanket she had left airing on the line, she stumbled over a doghouse. She at once took in the facts that her blanket was gone *and* that, incredibly, the doghouse had blown into her yard from the other side of the street.

Answer Drawer, page 58

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Will you share clues with other detectives... or put obstacles in their way? (You can even *steal* clues from your rivals—if you're crafty enough!) Who is the killer: The Actress? The Baroness? The Count? The Gambler? Or someone else? Will you uncover a sinister conspiracy? And what's the motive: Jealousy, Greed, Revenge—or something even more diabolical? Put enough clues together and you just may be the one who solves the Murder on the Orient Express—and is recognized as the greatest detective of all! For 1 to 6 players.

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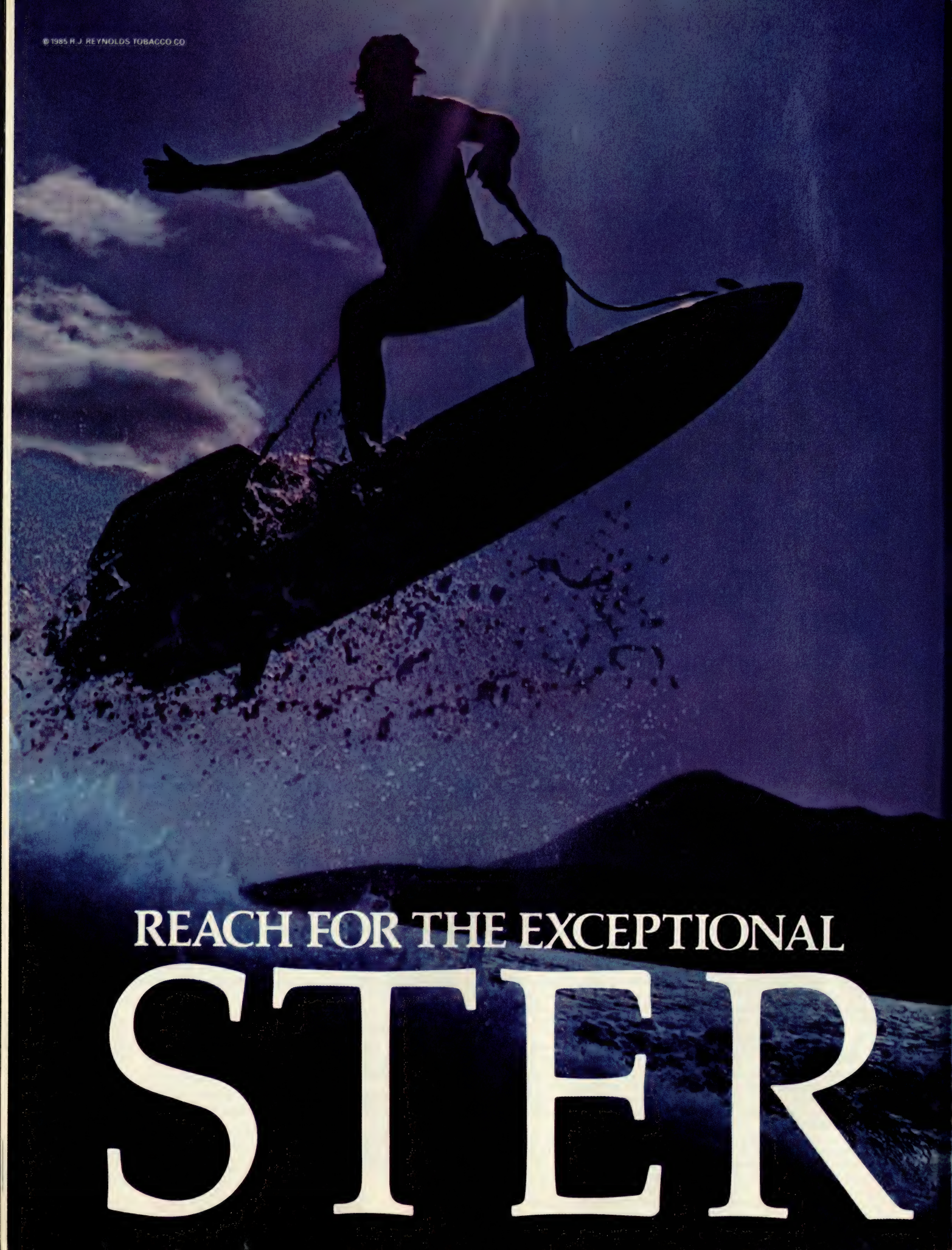
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THE MAKING OF A DICTIONARY

FROM AARDVARK TO ZYZZOGETON

S

tanding against a wall in the Merriam-Webster offices in Springfield, Massachusetts, is a massive black iron safe with ornate gilt lettering. It is well over a century old, a relic from another era. Nobody seems to know what's in it. Some company old-timers, when pressed, whisper confidentially that they've heard it contains the bones of Noah Webster himself.

And well it might. Merriam-Webster, Inc., is the direct corporate descendant of a little printing and bookselling business owned by the brothers George and Charles Merriam. Almost a century and a half ago, the Merriam brothers bought from the heirs of the late Noah Webster the rights to his last dictionary, as well as the exclusive right to use his name on future editions of it, and parlayed those rights into one of the world's largest and most prolific producers of dictionaries. The Webster name later entered the public domain, and although today anyone can publish a "Webster's" dictionary—more than 100 publishers have done so—it's the folks who work at 47 Federal Street in Springfield who hear old Noah's ghost harrumphing about the corridors.

If Webster were alive today, he'd be flabbergasted by the plethora of competing dictionaries, the numbers of people involved in their construction, and the growing use of computers in lexicography. As all lexicographers had done before him, Webster,

with the aid of an occasional assistant, personally collected every word, researched every etymology, composed every definition, and corrected all the galley proofs. Today, each of the half-dozen or so major dictionary publishers employs, in addition to executives, secretaries, and typists, a dozen or more lexicographers and editors, who in turn consult hundreds of outside authorities in every field of knowledge, from exobiology to punk rock.

Producing a comprehensive dictionary single-handedly would be inconceivable today simply because of the enormity of the modern English lexicon, to which some 500 new general-vocabulary words are added each year (many others die out). Webster's first dictionary, published in 1806, boasted the largest vocabulary to date: 28,000 entries. His 1828 dictionary contained 70,000. His magnum opus, the 1841 revision of the 1828 work, which became popularly known as *Webster's Unabridged*, contained about 75,000.

Though comprehen-

sive in their day, those books were puny in comparison with Merriam-Webster's *Third New International Dictionary, Unabridged*, first published in 1961 and currently the reigning champion of unabridged dictionaries. *Webster's Third* contains some 462,000 entries and took 757 editor-years to produce, at a cost of \$3,500,000. (An editor-year is the amount of work done by one editor in one year.)

It's perhaps fitting that such a monumental work was produced by the only company that can trace its roots directly to the father of American dictionaries. "We are very much aware of the tradition within which we work," says Dr. Frederick C. Mish, editorial director of Merriam-Webster since 1978 and editor-in-chief of the Merriam-Webster *Ninth New Collegiate Dictionary*.

Tall and solidly built, Mish looks more like a left tackle than a "harmless drudge," Samuel Johnson's self-mocking term for a lexicographer. As he strides through the Merriam offices, Mish can't avoid bumping into tradition even if he tries. Portraits of Samuel Johnson, Noah Webster, various Merriams, company presidents, and former editors-in-chief stare down from lobby and hallway walls like royal ancestors in a duke's castle. Copies of every Webster and Merriam-Webster dictionary ever published are lovingly displayed in glass cases. Even the house number is historically significant: The number 47 commemorates the publication year of Merriam's first dictionary—1847.

Though other dictionary makers also have long bloodlines, tradition is not a prerequisite for success—brand-new dictionaries can make their mark. One of the most successful is the *American Heritage Dictionary of the English Language*, which began as something other than what it finally became.

"The *American Heritage* was originally conceived as an unabridged dictionary to rival *Webster's Third*," says William Morris, the editor of the original 1969 edition. Fulfilling that ambition proved economically unfeasible, but it still

BY BURT HOCHBERG

took Morris and his staff of 12 definers and 9 etymologists (plus a cadre of Harvard linguists who reviewed the text) about six years to produce a standard college-size dictionary. When it appeared, it received high praise for its lucid etymologies, profuse illustrations, fresh quotations, and the brave inclusion of taboo words that had been omitted from dictionaries for 200 years. By the time the Second College Edition appeared in 1982, the original version had sold five million copies, according to its present publisher, Houghton Mifflin—and it's still in print.

Whether a dictionary is spanning new or decades old, the foundation on which it is based is its citation files. And a large part of every dictionary's citation files consists of entries from other dictionaries. Merriam's citation

files, for instance, include all 419,000 entries in the *Oxford English Dictionary* as well as those in the four-volume *Dictionary of American English*, published between 1938 and 1944. The *American Heritage Dictionary's* main source of citations was the six-volume *Century Dictionary*, published between 1889 and 1891.

"The copyright on that book had long ago expired," says Morris, "and much of the material was outdated. So we added words from dictionaries of our own period, the ones we respected. But we were careful to avoid defining any word exactly the way it was defined in any other dictionary. There's such a thing as plagiarism."

A citation—known in the trade as a "cite"—is a 3 × 5 slip of paper (or a 4 × 6 index card) on which is written a

lexical unit in the context of its actual usage, along with its source. (A "lexical unit" is a word or combination of words with a distinct meaning. For example, "big balloon" doesn't qualify as a lexical unit because its meaning can be derived from the definitions of "big" and "balloon"; but if you want to know what a sea horse is, the definitions of "sea" and "horse" won't tell you, which is why "sea horse" merits its own entry.) The context—the complete sentence or passage in which the word is used—provides necessary information about the word's meaning, spelling, and level (slang, informal, taboo, etc.), and sometimes about its pronunciation and etymology.

"All editors at Merriam spend a certain part of their day reading current



books and carefully edited periodicals," says Mish. They also scour restaurant menus, catalogs, newspaper advertisements, and anything else in written form, and listen to political speeches, TV newscasters, sports announcers, show-biz interviews, and anything else that's said out loud, as they monitor the language for new words and meanings.

Merriam's citations, already numbering upward of 13 million and growing at the rate of about 20,000 a month, are housed in 162 shoulder-high steel cabinets. These cabinets, which occupy most of the floor space in the editorial department, are bordered by desks and tables piled high with books, newspapers, magazines, and citation slips. The only sound is the occasional rustle of a turning page. There are no telephones or typewriters in this area.

Although Merriam owns by far the largest citation file ever assembled, other dictionary makers have quite respectable files of their own. "Random House started publishing small dictionaries after World War II, so we've been collecting citations for 40 years," says Stuart Berg Flexner, the editor-in-chief of Random's reference division and a renowned authority on American slang and lexicography. "A long time ago Random House bought the actual citation files of the old *Century*, and they became the basis of the *Random House Unabridged*," he said.

Unabridged? With 250,000 words in Random's biggest dictionary compared to Merriam's 462,000? "We consider our dictionary unabridged," says Flexner, "though on a smaller scale. No dictionary could be truly unabridged anyway, even if it had three quarters of a million words."

Possessing another fabulous word hoard is *Webster's New World*, the line of dictionaries that has been published since 1970 by Simon and Schuster. The original edition of the *New World*, published in 1953, was based on citations created by paid readers in the 1940s and early 1950s, "and we also used entries from the *Oxford English Dictionary*, like all dictionary makers," says David B. Guralnik, *New World's* editor-in-chief. "The book was completely revised and published as the Second College Edition in 1970, with more than 20,000 new additions. We now have more than 1.4 million cites, and a staff of 14 editors and 42 outside specialists, who are all busily preparing the Third College Edition."

Creating cites—"reading and marking," as the process is known—requires an instinct for noticing when a familiar word is being used in a novel sense.

Even experienced readers have to consciously resist getting caught up in what they're reading and thus miss the trees because the forest got in the way. One Merriam editor, now retired, used the trick of reading backward—that is, moving her eye up the page instead of down—to help her concentrate on the words without being distracted by what the writer was saying.

Only a tiny percentage of the words in a given text qualify for citation: new words; new uses of established terms; slang and colloquialisms; taboo words; trade jargon; medical and scientific vocabularies; Americanisms, Britishisms, and other terms used only in particular English-speaking areas; trademarks used generically (such as "xerox" used to refer to any brand of copier); terms that provide information on spelling or form, especially when they're not yet established (for example, Merriam's files have citations for "smart aleck," "smart-aleck," and "smart-alec"); foreign terms used untranslated in English contexts; and terms considered obsolete or archaic.

But not everything that gets into the cite files gets into the dictionary. Hundreds of thousands of words that appear in specialized reference books or

exist only in spoken dialect never show up even in unabridged general dictionaries. There are about 324,000 known stars, 700,000 species of insects, 25,000 species of fish, 33,000 chemicals, and who knows how many plants. The word stock of the English language has been estimated at around four million, and only about 10 percent of it is recorded in *Webster's Third Unabridged*, the largest English dictionary.

Usually, for a new word or meaning to earn its place in a dictionary it must occur in different sources and over several years. Many words appear suddenly and get hot, like hit records, then just as suddenly melt away. All dictionary makers strive to make their books as current as possible, but a dictionary that includes too many fad words may become dated very quickly. "Streaking" is such a word, referring to the practice of running naked through public places as a form of political statement. This fad of the early 1970s soon died out—presumably of overexposure—but the word made it into a few dictionaries. "Streaking" hasn't yet turned up in any Merriam dictionary, "but we're keeping an eye on it," says Mish.

Sometimes a new word will get a free pass into a dictionary without having had to prove itself. When baseball in-

TRIVIAE DICTIONARIAE

We've yet to see a trivia game that includes questions about dictionaries. Here's a little quiz to fill that unabridged gap. Answer Drawer, page 58

1. Recently the Soviet Union printed its own English-language edition of the *Oxford Student's Dictionary*. As edited by Soviet lexicographers, the definition of "socialism" is
 - a. "A political system in which leaders are chosen in free elections"
 - b. "A social and economic system which is replacing capitalism"
 - c. "An economic system in which all property belongs to the people"
2. When *Webster's Third Unabridged* was published, it was criticized for not capitalizing words that are normally capitalized. Besides trade names, acronyms, and abbreviations, there is exactly one capitalized entry in that dictionary. It is
 - a. I
 - b. United States
 - c. God
3. The longest word in *Webster's Third* is
 - a. honorificabilitudinitatibus
 - b. antidisestablishmentarianism
 - c. pneumonoultramicroscopicsilicovolcanoconiosis

4. In a lifetime of lexicography, Noah Webster coined only one word, which appeared for the first time in his 1828 dictionary. The word is
 - a. demoralize
 - b. catastrophe
 - c. goulash
5. The number of words—entries, definitions, etymologies, pronunciations, etc.—in an average college-size dictionary is
 - a. 3,000,000
 - b. 30,000,000
 - c. 300,000,000
6. In *Webster's Third Unabridged*, the word with the most senses and subsenses has 205 of them. The word is
 - a. set
 - b. do
 - c. make
7. The 16th-century lexicographer Thomas Cooper labored for many years on a Latin-English dictionary. Fed up with his late hours, his wife one day threw all his papers into the fire, completely destroying them. Cooper's reaction was to
 - a. murder his wife
 - b. enter a monastery
 - c. start over from scratch —B. H.

troduced the "designated hitter" rule in 1978, reports Mish, "we felt this was immediately an important term in the language and so it went in right away." But at other times it may take a cataclysm for a word to get noticed. When "atomic bomb" appeared in a 1917 issue of *Yale Review* it was duly cited, but characterized by a Merriam editor as "fanciful." It didn't appear in any Merriam dictionary until 1946, after the events at Hiroshima and Nagasaki had turned fancy into fact.

Finding new words is one thing—defining them is quite another. "A definer," notes lexicographer Sidney I. Landau in his recent book, *Dictionaries: The Art and Craft of Lexicography*, "must have a broad, but not necessarily deep, fund of information; he must read newspapers and be interested in the world; [and] have a feeling for the language, *Sprachgefühl*, a sense of aptness of expression, an appreciation of nuance, style, and idiom."

A definer must also be able to write a precise, comprehensive definition in the fewest possible words (space is always at a premium) and must base his definition not on what he thinks a word ought to mean but on the meanings revealed by the evidence of its actual use—the citations. "It's rigorous and demanding work," asserts Mish. For example, it took one editor 6½ weeks to write the entries for "set" in *Webster's Third*. Even Noah Webster sometimes stood in awe of his task: He once offered a suit of clothes to anyone who could completely and satisfactorily define the word "by." (No one knows if he ever had to pay off.)

What really puts the definer's *Sprachgefühl* to the test is sense discrimination. For example, here's a citation for "umbrella" from *The New York Times*: "CBS will continue to run Popular Library as an active imprint, one of the six operating under the Fawcett Books umbrella." Here's another, from *The Wall Street Journal*: "This is just short of the total 256 million bushels put under the federal price umbrella for the entire season last year." The *Times* used "umbrella" to mean "embracing organization"; the *Journal* used it to mean "protection." Before writing any definition, the definer must search the cites for all such subtle nuances in meaning.

All lexicographers worthy of the name observe these fundamental principles:

1. Each word used in a definition must itself be defined in the same dic-

tionary. For example, when a dictionary is being abridged and an entry is eliminated, all references to that word elsewhere in the dictionary must be located and either changed or removed.

2. A definition should not include any words more difficult to understand than the word being defined. Samuel Johnson's sesquipedalian definition of "network" in his 1755 dictionary is an excellent example of how not to define: "Any thing reticulated or decussated, at equal distances, with interstices between the intersections." And *Webster's Third* is guilty of including in its entry for the verb "can" the definition "be logically or axiologically able to."

3. The word being defined should not be used in the definition, except that one part of speech may be used to define another if the latter is separately defined. This is known as the "circularity" rule. So "feeling anger" is an acceptable definition of "angry" if "anger" is separately defined; but you can't define "angry" as "feeling anger" if you define "anger" as "the state of feeling angry."

4. The definition must correspond to the part of speech of the defined word.

In most dictionary houses, definitions of scientific and technical words go to specialists for checking. Then these definitions, along with those of common vocabulary words, are refined by house editors. When the definitions are in final form, the etymologist takes over to report what is known about the origin of each word.

Merriam's etymologist is David Justice, a 35-year-old scholar with a degree in math and a doctorate in linguistics. When researching the "ety" of a new word, Justice begins by studying the cites for clues to its origin, then pores over his own special ety files, indexes of *American Speech* magazine, books of etymologies, and slang dictionaries. But since published sources usually aren't of much help with a new word, he keeps up a steady stream of correspondence with academics in linguistics, philology, and etymology. "Basically it's an exercise in serendipity," he says. "We often find clues for one word while researching another."

Justice will soon begin researching the origin of "break-dancing," a word so new, he says, that "even its form is not established. Is it one word or two? Hyphen or no hyphen? This will ultimately be decided by how many citations we have for each form. So far we have no clue as to how 'break' came to

be associated with a dance style. Maybe it has something to do with the sudden changes—breaks—from one kind of movement to another."

Occasionally Justice gets an unsolicited etymological helping hand from the public. "The most common letter we receive—we get one every couple of weeks," he says, "is from people who have just found out that posh is an acronym of Port Out, Starboard Home." Supposedly, the letters POSH were stamped on the round-trip tickets of passengers traveling by ship from England to India who had paid extra to have their staterooms on the port side when traveling out and on the starboard side when returning—that is, on the cooler north side of the ship in both directions. "Some of the writers are quite enthusiastic about this discovery, but there's simply no hard evidence to prove it—it's just speculation. And many other words have unverifiable folk etymologies like that. The fact that we sometimes label an etymology 'unknown' doesn't mean that we don't have a file six inches thick full of speculations. Whenever I get a letter about one of those etys, I write back, 'Sorry, our files don't show that, but here are a few nice stories you might like.'"

When Justice is done, definitions go to the cross-referencer, whose job is to see that all the words in a definition, and all the synonyms listed, are actually in the book, and that no reference leads to a dead end or to circularity. At Merriam and at New World, cross-referencing is done manually, the way it's been done ever since the dictionary was invented. Random House uses a data-base program that runs on mid-size personal computers. New World will soon be entering the computer age, too; it is now creating a data base that will include all the information in previous editions plus everything in the files that hasn't yet been used.

After the etymologies have been written, the definitions, along with the citations, go to the pronunciation editor. Although most dictionary users rarely if ever have any use for a word's etymology, they do rely on the dictionary to tell them how a word is pronounced. The trouble is, many English words are not pronounced the same by all speakers. "You say ee-ther and I say eye-ther," argue the lovers in the Gershwin song, and they decide, "Let's Call the Whole Thing Off."

Don't be so hasty, say the dictionaries. For instance, in the preface to *Webster's Third*, its editor, Philip Bab-

cock Gove, writes: "This edition shows as far as possible the pronunciations prevailing in general cultivated conversational usage, both informal and formal, throughout the English-speaking world. It does not attempt to dictate what that usage should be." Thus you will find both ee-ther and eye-ther, envelope and ahn-velope, to-may-to and to-mah-to, vayz and vahz, without being told which is correct—because nee-ther, or neye-ther, is more correct than the other.

With the definitions written, the etymologies and pronunciations in place, and the cross-references checked to make sure everything's where it's supposed to be, the copy editors scrutinize

the text to make sure that syntax and punctuation conform to house style, that the illustrative quotations are accurate and their authors' names spelled right, and that the many different type specifications are correctly marked. Finally the editor-in-chief goes over it all with a mine detector before approving it for publication.

But despite the loving care lavished on every detail, no dictionary has ever been entirely free of errors. "Dictionaries are like watches," wrote Samuel Johnson. "The worst is better than none, and the best cannot be expected

to go quite true." His own dictionary, despite its exalted place in lexicographic history, was itself not quite true. (When asked by a woman why he had defined "pastern" as "the knee of a horse," Johnson replied, "Ignorance, Madam, pure ignorance." It's actually part of a horse's foot.) And Noah Webster's etymologies were based too much on speculation and not enough on the new discoveries being made in etymology by, among others, Jacob Grimm (when he wasn't writing fairy tales with his brother). Embarrassing mistakes crop up occasionally in modern dictionaries, too. In the first printing of Merriam-Webster's *Ninth Collegiate*, for example, "maudlin" was said to be derived from the name Mary Magdalen, who was often depicted in paintings as a penitent sinner—but a typo gave "sinner" as "singer."

Minor errors of this kind are of little importance in evaluating dictionaries. But some of the policies adopted by Dr. Gove and his staff were considered serious errors when *Webster's Third Unabridged* was published almost 25 years ago. One such policy was not to capitalize any entries (with one exception; see quiz, page 14), including words that everybody always capitalizes. Gove's explanation, in the dictionary's preface, was that "words vary considerably in capitalization according to circumstances and environment." But most critics consider his decision a major blunder. It was, writes Sidney Landau in his book on lexicography, "a rather sophomoric misreading of the linguistic principle 'Spoken language is the language.'" Dictionaries, he goes on, "are not based on the spoken language; they are preeminently records of the written language."

By far the heaviest criticism of *Webster's Third* was that it was too "permissive," an attitude that still prevails in the minds of many. What got the traditionalists' backs up was that most of the slang and vulgar words included in the dictionary, as well as the nonstandard usages, weren't labeled as such, and were therefore, in effect, legitimized. Some of the words that had conservative usage mavens ready to storm Springfield were "orientate" (a supposedly incorrect variant of the verb "orient"); "upsurge"; "dig" (understand); "finalize" (a word some critics thought was invented by President Eisenhower, who used it often; but Merriam has much earlier cites from *Time*, *Newsweek*, *The New York Times*, and other sources); "swell" (very good); "to contact"; and

BORN YESTERDAY

Tracing the history of a word is often like solving a mystery. One clue leads to another, new lines of investigation take the search further back in history, and so on. But the origin of some words can be placed and dated precisely, without the slightest effort. These are words that sprang suddenly into being to fill a specific need and then entered the common vocabulary. Here are a few such words, plus one whose origin we invented for the occasion. Can you spot the fictitious etymology?

Answer Drawer, page 58

Scofflaw In 1923, the wealthy Prohibitionist Delcevere King offered \$200 for a word to describe the "lawless drinker [in order] to stab awake his conscience." Of the 25,000 suggestions received, he chose "scofflaw," a coinage made independently by two Massachusetts residents. The word disappeared after Repeal, but resurfaced to mean one who ignores parking tickets and summonses for other misdemeanors.

Southpaw This one was coined by sportswriter Charles Seymour sometime before 1890. Pitchers in Chicago's old ballpark faced west, so a lefty threw with the hand oriented south—i.e., his south paw.

Hot dog Harry M. Stevens, caterer at the New York Polo Grounds, attributed the term to sports cartoonist Tad Dorgan. Stevens introduced the hot sausages—also called wieners or frankfurters (from the city names Vienna and Frankfurt)—into the U.S. around 1900. The term "hot dog" came from the common but thankfully erroneous belief that the sausages were made from dog meat.

Copacetic George Firby, owner of the Horse's Tail pub near Cambridge University, coined this word in 1775. Students at the pub traditionally decided who would pay for drinks by playing a game of "copasetta" (from the Latin *colpa*, to strike, and *seta*, bristle). In this test of strength, several bristles from a horse's tail were laid over the edge of a table; whoever couldn't

break them with a single blow of his fist bought that round. Firby coined the term "copacetic" to signify that the bill had been paid. It later came to mean "satisfactory."

Mortician This was coined by a writer for the *Embalmer's Monthly* in February 1895. Although H. L. Mencken called it "lovely," the word was barred from the pages of the *Chicago Tribune*, whose editor wrote that if undertakers "haven't the sense to save themselves from their own lexicographers, we shall not be guilty of abetting them in their folly."

Thon This genderless word intended to mean "he or she" ("his or hers" would be "thon's") was proposed in 1858 by Charles Cruzat Converse of Pennsylvania. It found its way into Merriam-Webster's *Second Unabridged* (1934), where it remained through the 1951 printing.

Blurb This was an invention of the humorist Gelett Burgess (author, in 1895, of "I never saw a purple cow, / I never hope to see one; / But I can tell you, anyhow, / I'd rather see than be one"). When one of Burgess's books became popular, its publisher distributed to booksellers' convention a special edition adorned with the then requisite picture of a pretty girl. To satirize this custom, Burgess dubbed her Blinda Blurb and added to the book jacket a few paragraphs of ludicrously laudatory prose. He later defined "blurb" as "self-praise; to make a noise like a publisher."

Gobbledegook Maury Maverick, chairman of the Smaller War Plants Corporation, a World War II agency, coined the word in a staff memo deriding committeemen, lobbyists, and others who write and talk in wordy, inflated language. Maverick warned his staff: "Anyone using the words activation or implementation will be shot."

Googol In 1940 mathematician Edward Kasner, needing a term for the number 1 followed by 100 zeroes (10^{100}), jokingly asked his nine-year-old nephew to suggest one. The lad responded with "googol," and Kasner adopted it.

—B. H.

especially "ain't," which the *Third* recognizes not only as a contraction of "are not" and "is not" (no noise from the critics on that score) but also of "am not."

"Webster III has thrust upon us a dismaying assortment of the questionable, the perverse, and the downright outrageous," raged Wilson Follett, the author of *Modern American Usage*, in a memorable gloves-off diatribe in *The Atlantic* magazine. "It has gone over bodily to the school that construes traditions as enslaving, the rudimentary principles of syntax as crippling, and taste as irrelevant."

The permissiveness vs. conservatism debate, with *Webster's Third* at the center, has been an ongoing one, and nearly every word expert has gotten in his licks. Jabbing at his detractors, Gove wrote, "For us to attempt to prescribe the language would be like *Life* reporting the news as its editors would prefer it to happen." Counter-punching conservatively, Stuart Flexner of Random House says, "We're not trying to prescribe, to say this is right and that's wrong, but only to let the dictionary user know that certain usages are considered correct or incorrect by society." Trying to break the clinch, Guralnik notes that "the book is simply reflective of our informal life-style, of the weakening of the line separating formal and informal, in language just as in dress codes."

Notwithstanding the criticism, perhaps the severest in the history of dictionaries, 47 Federal Street has not sunk into the fiery depths, and modern lexicographers are not about to use their copies of the book to heat their homes. "It's the greatest American dictionary," says William Morris. "It's indispensable."

Will there ever be a *Fourth Unabridged*? Mish says there are no plans for such a work, and Guralnik doubts there ever will be. "Uneconomical," he says. "An unabridged simply doesn't sell enough copies. The average buyer isn't going to spend \$100 for a dictionary. The *Third Unabridged* cost three and a half million to produce, and that was in the decade preceding 1961. Imagine what it would cost today."

"No *Fourth Unabridged*? That would be a major loss," says Stuart Flexner. "Competition is necessary—it keeps us honest. But this may be the last generation of the unabridged dictionary."

But then again, in the computer age, maybe not.

GAMES Copy Editor Burt Hochberg believes in Casey Stengel's advice: "You could look it up."

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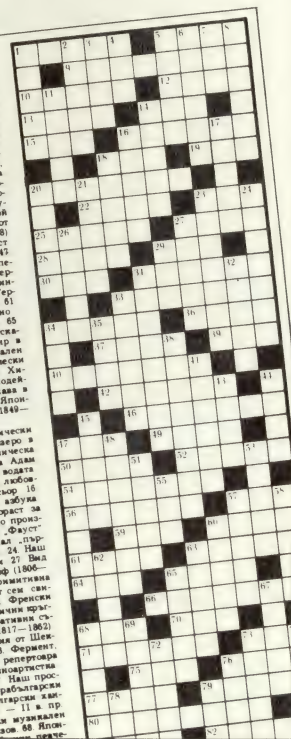
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КРЪСТОСЛОВИЦА

ВОДОГРАДНО: 1. Наш кинорежисьор (1898—1911)
2. Мира за неканично владение на материалните тегла 3. Български цар (1218—1241) 10. Умниростетската дължина 12. Итальянски кинорежисьор 13. Дължина графика пътища 14. Тънка жисюр 15. Машинен елемент 16. Наш ирландски филм 17. Англичайски драматичен артист 18. Машинен елемент 19. Първият парижански филм 20. Част от обуща 21. Част от обуща 22. Част от обуща 23. Част от обуща 24. Част от обуща 25. Част от обуща 26. Част от обуща 27. Част от обуща 28. Част от обуща 29. Част от обуща 30. Част от обуща 31. Част от обуща 32. Част от обуща 33. Част от обуща 34. Част от обуща 35. Част от обуща 36. Част от обуща 37. Част от обуща 38. Част от обуща 39. Част от обуща 40. Част от обуща 41. Част от обуща 42. Част от обуща 43. Част от обуща 44. Част от обуща 45. Част от обуща 46. Част от обуща 47. Част от обуща 48. Част от обуща 49. Част от обуща 50. Част от обуща 51. Част от обуща 52. Част от обуща 53. Част от обуща 54. Част от обуща 55. Част от обуща 56. Част от обуща 57. Част от обуща 58. Част от обуща 59. Част от обуща 60. Част от обуща 61. Част от обуща 62. Част от обуща 63. Част от обуща 64. Част от обуща 65. Част от обуща 66. Част от обуща 67. Част от обуща 68. Част от обуща 69. Част от обуща 70. Част от обуща 71. Част от обуща 72. Част от обуща 73. Част от обуща 74. Част от обуща 75. Част от обуща 76. Част от обуща 77. Част от обуща 78. Част от обуща 79. Част от обуща 80. Част от обуща 81. Част от обуща 82. Част от обуща 83. Част от обуща 84. Част от обуща 85. Част от обуща 86. Част от обуща 87. Част от обуща 88. Част от обуща 89. Част от обуща 90. Част от обуща 91. Част от обуща 92. Част от обуща 93. Част от обуща 94. Част от обуща 95. Част от обуща 96. Част от обуща 97. Част от обуща 98. Част от обуща 99. Част от обуща 100. Част от обуща



GAMES Copy Editor Burt Hochberg believes in Casey Stengel's advice: "You could look it up."

Botany Bay

A GARDEN-VARIETY PICTURE PUZZLE

Illustrated by Peter de Sève

☆☆

This seascape may look unusual at first glance, but it'll grow on you. We've planted pictorial hints to 30 types of flowers, grasses, vegetables, shrubs, and trees. For instance, the diving figure with the *N* on his trunks represents "endive." Can you weed out the other puns?

Answer Drawer, page 58







Can you smoke out the crook?

★★★
BY JERRY N. CAROLSON

IT WAS AN INSIDE JOB. NO ONE but the six members of the Dutch Masterminds Logic Society could have known that the dues money was hidden in a cigar box. So one of them—Aart, Berthold, Constantijn, Dirck, Egbertus, or Frederik—must have stolen it.

The Masterminds loved not only cigars but also cigar bands. Each had a four-band collection that was based on a particular visual or verbal theme. Since some bands could fit more than one collection, the men often exchanged bands with one another.

In lifting the loot, the thief made a blunder. He left behind one of his own cigar bands ("The Evidence," at right, above). By examining all 24 bands and the clues below, can you deduce (1) the four bands belonging to each member (including the band left at the scene of the crime); (2) the theme of each collection; and (3) whodunit? *Close, but no cigar? Hint, page 62*

Answer Drawer, page 58

1. Aart collected bands on which the cigar brand name appears three times.

2. Berthold was not the collector of bands with crowns, nor of bands with numbers.

3. Constantijn and Dirck were connoisseurs of words and letter patterns; exactly four bands were suitable for each of their collections.

4. Dirck wasn't the man collecting bands showing two people; at least two of his bands showed no people at all.

5. Berthold would have liked bands #4 and #6. But one went to Egbertus, and the other to the person who had the easiest time finding examples for his collection.

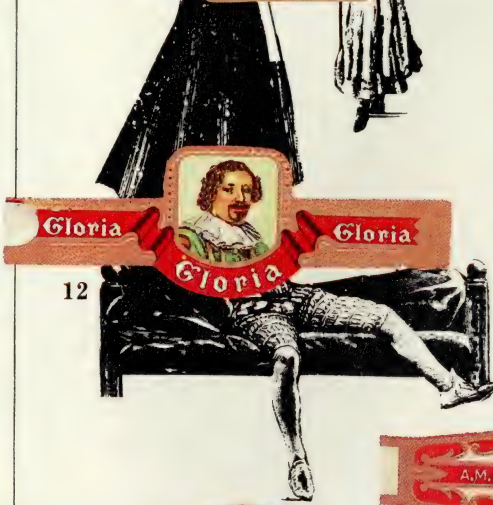
6. Constantijn had no reason to want band #17, so he gave it to Dirck.

7. Both Egbertus and Frederik wanted one of Berthold's bands; Berthold reluctantly gave it to one of them.

8. Cigar bands #20 and #24 are part of the same collection.

9. Frederik wanted bands #8 and #21; however, he kept only one and gave the other to Berthold.

10. Constantijn kept a band coveted by both Egbertus and Frederik, and he refused to surrender #22 to Aart.





3



4



7



5



9



10



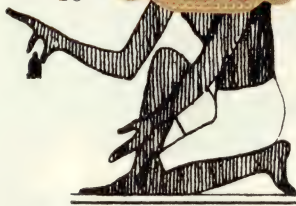
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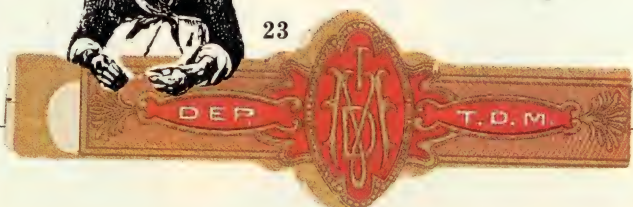
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22



23



24



You've got what it takes.
Salem Spirit

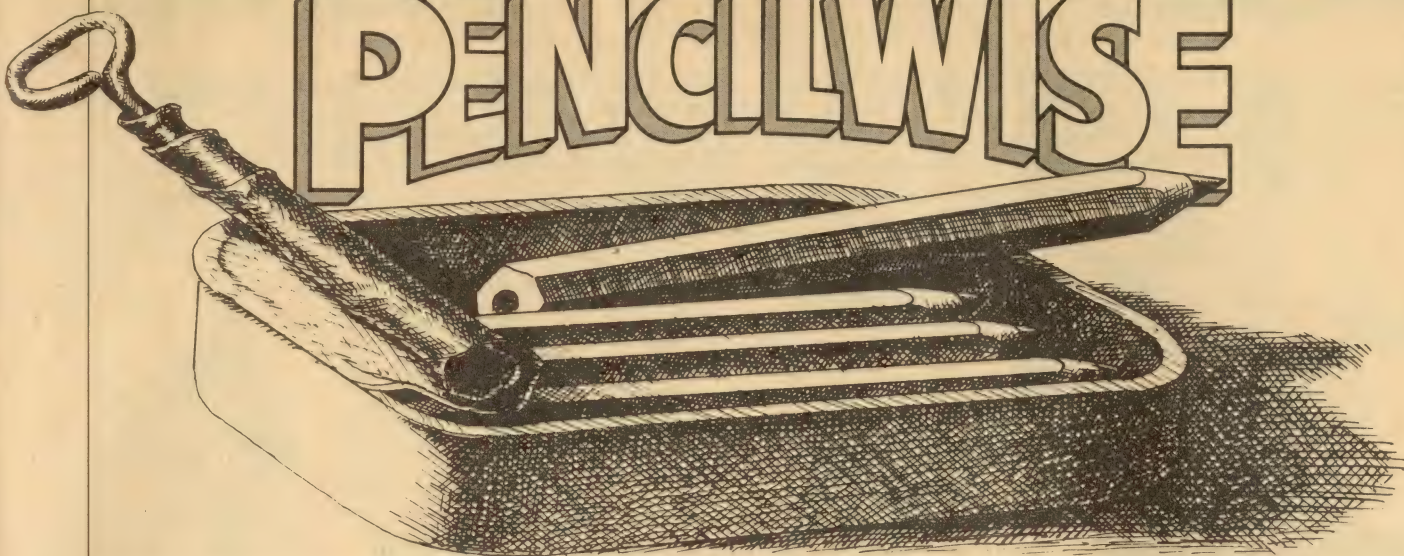
*Share the spirit.
Share the refreshment.*

KING: 17 mg. "tar", 1.3 mg. nicotine, 100's: 17 mg. "tar",
1.4 mg. nicotine, av. per cigarette by FTC method.

Warning: The Surgeon General Has Determined
That Cigarette Smoking Is Dangerous to Your Health.



PENCILWISE



The Spiral ★★

by Will Shortz

This puzzle works in two directions. The spiral's Inward clues yield a sequence of words to be entered counterclockwise in the spaces from 1 to 100. The Outward clues yield a different set of words to be entered clockwise from 100 back to 1. Fill

in the answers, one letter per space, according to the numbers beside the clues. Work from both directions to complete the puzzle, and have many happy returns.

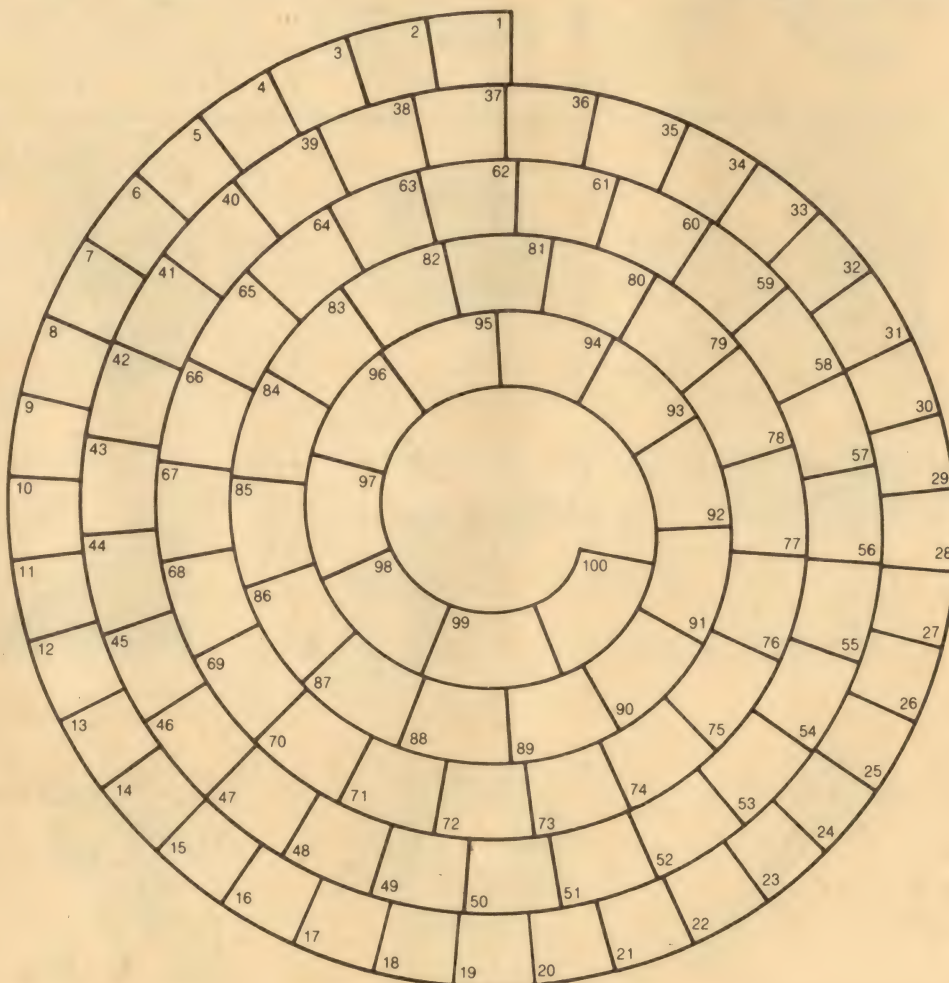
Answer Drawer, page 58

INWARD

- 1-6 Nodding off
- 7-11 Blue jeans
- 12-18 Spartan
- 19-25 Old name for tungsten
- 26-31 Actress Kidder of *Superman*
- 32-37 Holy city of Ohio?
- 38-42 Parisian "thanks"
- 43-50 Aurora ____ (northern lights)
- 51-58 Cottony quality
- 59-67 Life-giving
- 68-70 Groove
- 71-81 Ancient Mariner birds
- 82-87 Pizza topping
- 88-93 Expert hunter
- 94-100 Snugly situated

OUTWARD

- 100-96 Shoulder muscles, for short
- 95-91 Home of a biblical witch
- 90-84 Least possible
- 83-76 Tax man
- 75-67 System of musical notation
- 66-60 Niacin or thiamine, for example
- 59-54 Go-ahead
- 53-48 Dinosaur remnant
- 47-41 Kind of dancing
- 40-34 Fix up the house
- 33-30 Sgt. Snorkel's dog
- 29-23 Language study
- 22-15 Small blossom
- 14-6 In convincing fashion
- 5-1 Zorro's weapon



Pictogram ★★

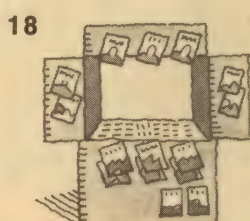
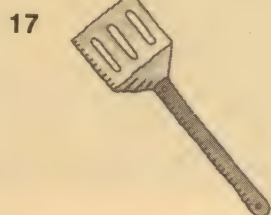
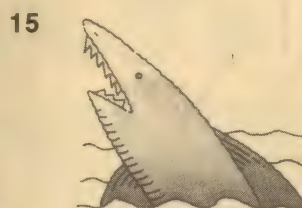
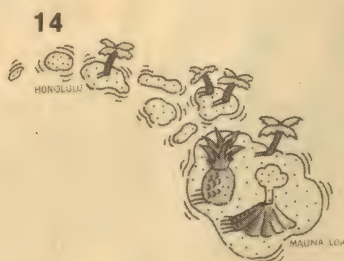
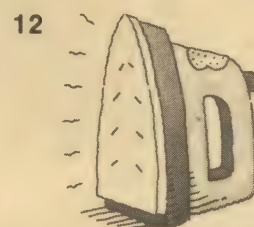
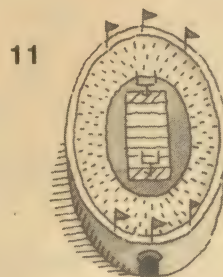
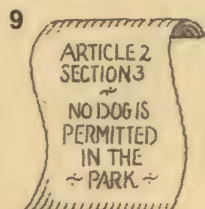
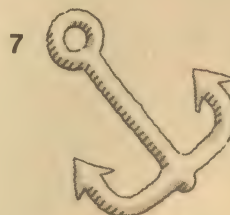
by Lori Philipson

Remember when a picture was worth a thousand words? Alas, that was in the good old days. You'll find that in the rebus puzzle below, each picture is worth only two letters: the first and last letters of its one-word name. (The picture of the ATTIC in # 1, for instance, stands for the letters AC.) To solve,

identify each of the 20 pictures and write the appropriate pair of letters in the correspondingly numbered box in the grid. If you have identified the pictures correctly, you will then be able to read all the letters from left to right to discover a punny message.

Answer Drawer, page 63

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
AC																			



Mined Reading ★

by Susan Gelfand

ACROSS

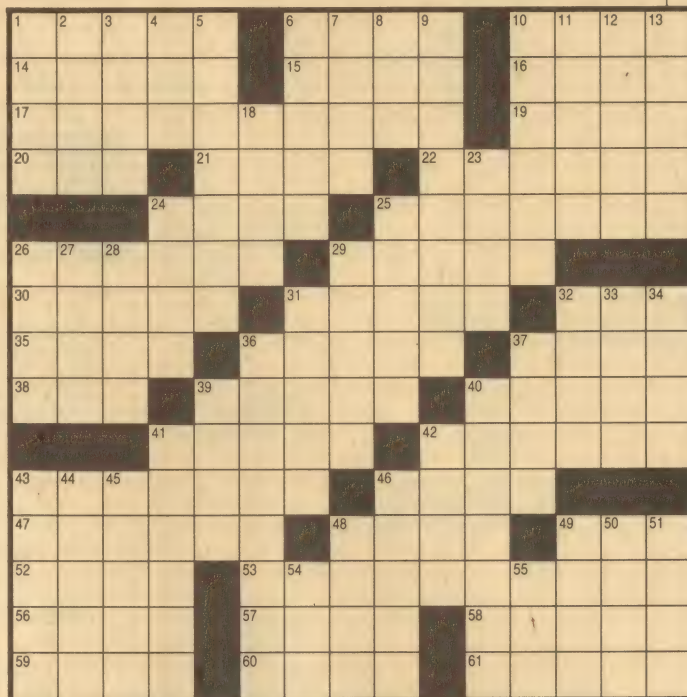
- 1 Each star on the American flag
- 6 Chug—
- 10 Raced
- 14 Church instrument
- 15 ____, *Nanette*: 2 wds.
- 16 Soft drink
- 17 No. 2 item?: 2 wds.
- 19 Landed feet first
- 20 Actress Dolores ____ Rio
- 21 Onion relative
- 22 Expand, as the pupils
- 24 Chico or Groucho
- 25 Didn't wait to be asked
- 26 Plant science
- 29 Hairdos
- 30 Worship
- 31 ____-turvy
- 32 Snaky scarf
- 35 Land parcels
- 36 Kind of bull or coffee
- 37 Pressed the bell
- 38 Wrath
- 39 "Yours ____" (letter closing)
- 40 Fandango, e.g.

- 41 Twelve dozen
- 42 Joined forces
- 43 Medical operation
- 46 First, second, or third
- 47 Deli sausage
- 48 Beget
- 49 Crimebusting org.
- 52 Fibber
- 53 Venomous viper
- 56 Poker stake
- 57 "I cannot tell ____": 2 wds.
- 58 Legal ownership
- 59 Jumble
- 60 Give for a while
- 61 Parts of goblets

DOWN

- 1 Auctioneer's cry
- 2 Sequoia, for example
- 3 "I've got ____ in Kalamazoo": 2 wds.
- 4 Little bit
- 5 Board a jet
- 6 Building wing
- 7 Wrestling hold
- 8 Prefix with corn or verse
- 9 Aquarium dweller

- 10 Weighing instruments
- 11 Antarctic
- 12 Typewriter type
- 13 Old-fashioned
- 18 Strange: Var.
- 23 Doubtful
- 24 Planet with "canals"
- 25 ____-daisy
- 26 *The Road to ____* ('52 Hope-Crosby film)
- 27 Perfume
- 28 Shopping bag
- 29 Spirals
- 31 Have faith
- 32 Gun sound
- 33 "____ bitten, twice shy"
- 34 Getting on in years
- 36 Strangely humorous
- 37 Steak order
- 39 Streetcar
- 40 Kalahari and Sahara
- 41 Angry looks
- 42 Old gray horse, in song
- 43 Muslim faith
- 44 Its capital is Augusta



Answer Drawer, page 63

- 45 Surveyor's maps
- 46 Two-footed animal
- 48 Set a top in motion
- 49 Elaborate party
- 50 Healing ointment
- 51 ____ of March
- 54 Spanish cheer
- 55 "____ me" (blackjack request)

An Arm and a Leg ★

by Burt Hochberg

Get comfortable in your armchair and make sure you have plenty of legroom. Now then. The answer to each clue is a word, phrase, or title that contains either the word ARM or LEG.

For example, the clue "Help in advance" suggests the answer GIVE A LEG UP, while "Spanish fleet" leads to ARMADA. The 20 clues below are all disarmingly legitimate.

Answer Drawer, page 63

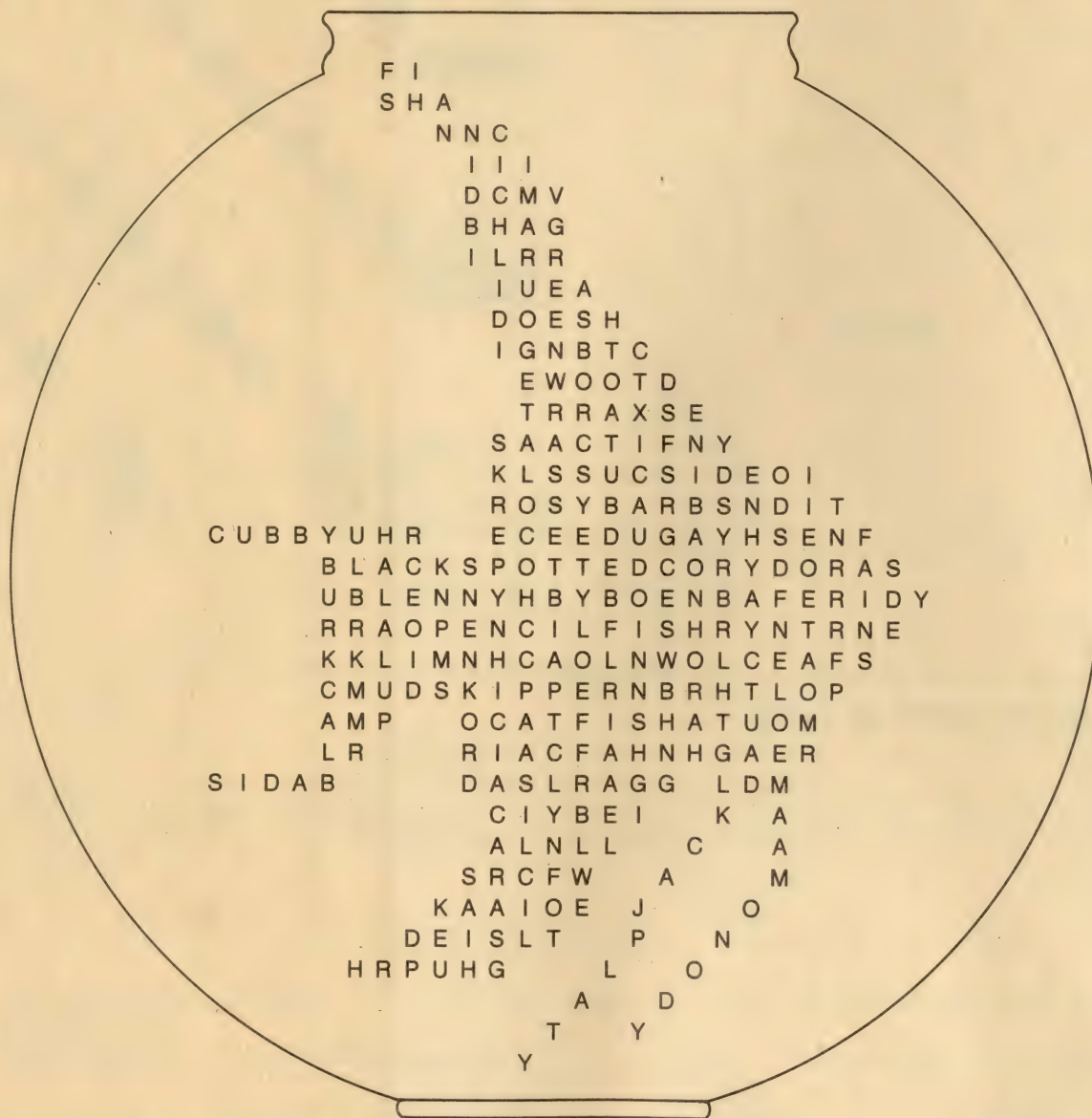
1. Astronaut Neil _____
2. Stage actor's good luck wish _____
3. Transporter of illegal whiskey _____
4. Family shield _____
5. Spider type _____
6. Much-needed encouragement _____
7. World-ending battle _____
8. Angle on a fairway _____
9. One way to welcome _____
10. "Get a move on!" _____
11. Hemingway novel _____
12. Just short of collapsing _____
13. At a safe distance _____
14. Play a joke on someone _____
15. Famous New York gangster _____
16. Indignantly aroused _____
17. Slot machine _____
18. Sailor's sense of balance _____
19. George Bernard Shaw comedy _____
20. Toy building block brand _____

A Fishy Word Search

The 30 tropical fish hidden in the grid below are swimming horizontally, vertically, or diagonally, but always in a straight line. Unlike the real things, these fish require no special

habitat, and catching them requires no special equipment—just a pencil. (Tanks, you say? Why, you're quite welcome.)

Answer Drawer, page 58



ACARA

BADIS

BLACK MOLLY

BLACK RUBY

BLACK-SPOTTED

CORYDORAS

BLENNY

BLUE BOXFISH

CATFISH

CAUDO

CICHLID

CHOCOLATE GOURAMI

CLOWN LOACH

CUBBYU

DANIO

DISCUS

FRENCH ANGELFISH

GLOWLIGHT TETRA

GOBY

GREEN WRASSE

GULARIS

JACK DEMPSEY

MONO

MUDSKIPPER

PEARLY RASBORA

PENCILFISH

PLATY

RED-EYED

CHARACIN

ROSY BARB

SAILFIN

SCAT

GAMES A·MAZE·ING

★THISISTHEANCO
MESGAMESGHIIEAN
GAMESGTSHADDMT
ESBY9/10GIRTSAE
022
OGA
1ES
CGA
YME
NES
MVE
NADAAMESGAMETH
OSIMEMAGIZAMAI
AMESSSGNAMEGN
GAM13EOTGSGAME

**SAVE
UP TO
37%**

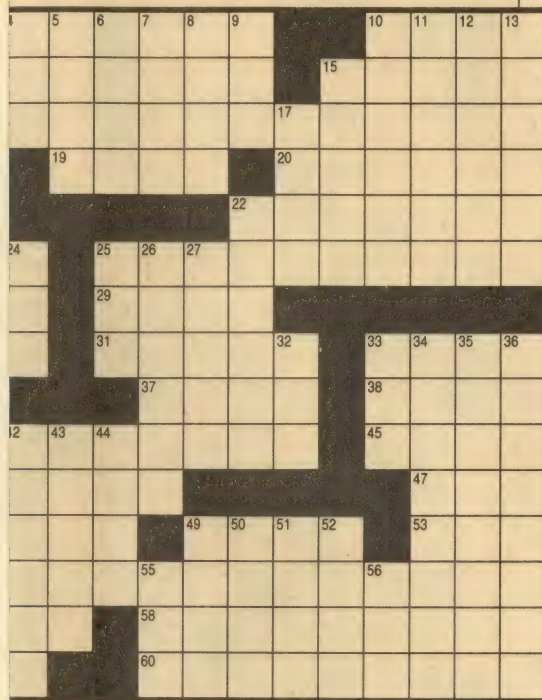
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☐ Payment enclosed. ☐ Bill me later. HJS12

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____

For foreign and Canadian orders, add \$2.25 for 9 issues offer
and \$4.50 for 18 issue offer.



Answer Drawer, page 64

- 50 Line through the globe
51 Silver types: Abbr.
52 Stumble
55 South African statesman "Paul" Kruger
56 Compass pt.

GAMES A·MAZE·ING

★THISISTHEANCO
MESGAMESGHIIEAN
GAMESGTSHADDMT
ESBY9/10GIRTSAE
022
OGA
1ES
CGA
YME
NES
MVE
NADAAMESGAMETH
OSIMEMAGIZAMAI
AMESSSGNAMEGN
GAM13EOTGSGAME

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by Jo Steinberg

sentence SLOOP LOOPS POOLS. How many of the
grams can you get? (Note: #10 is a toughie.)

Answer Drawer, page 63

kers alarm budding actress.

ommit fewest robberies.

prince alerted prison official.

4. Religious officials extend curtains.

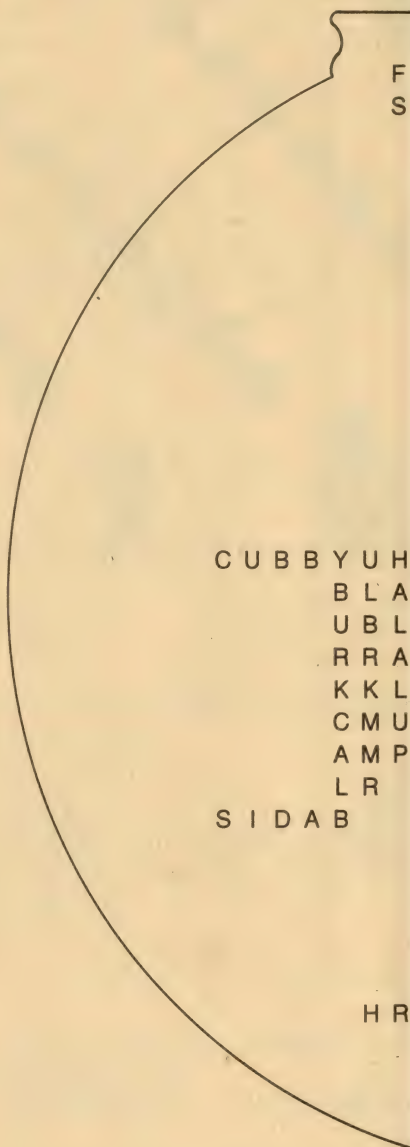
9. Most nimble clergymen keep going.

5. Newspaper sends out stories.

10. Price-cutter starts price cuts.

A Fishy Word Search

The 30 tropical fish hidden in the grid below horizontally, vertically, or diagonally, but always in one line. Unlike the real things, these fish require no special care.



C U B B Y U H
B L A
U B L
R R A
K K L
C M U
A M P
L R
S I D A B

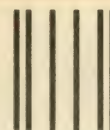
H R

ACARA
BADIS
BLACK MOLLY
BLACK RUBY
BLACK-SPOTTED
CORYDORAS
BLENNY
BLUE BOXFISH

CATFISH
CAUDO
CICHLID
CHOCOLATE GOURAMI
CLOWN LOACH
CUBBYU
DANIO
DISCUS

GOBY
GREEN WRASSE
GULARIS
JACK DEMPSEY
MONO
MUDSKIPPER

PLATY
RED-EYED
CHARACIN
ROSY BARB
SAILFIN
SCAT



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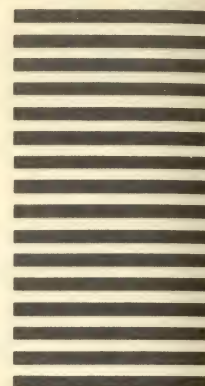
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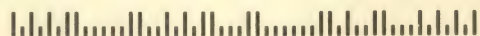
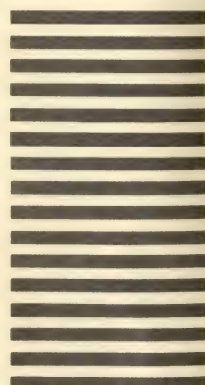
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Pundemonium ★★

by Joe Clonick

ACROSS

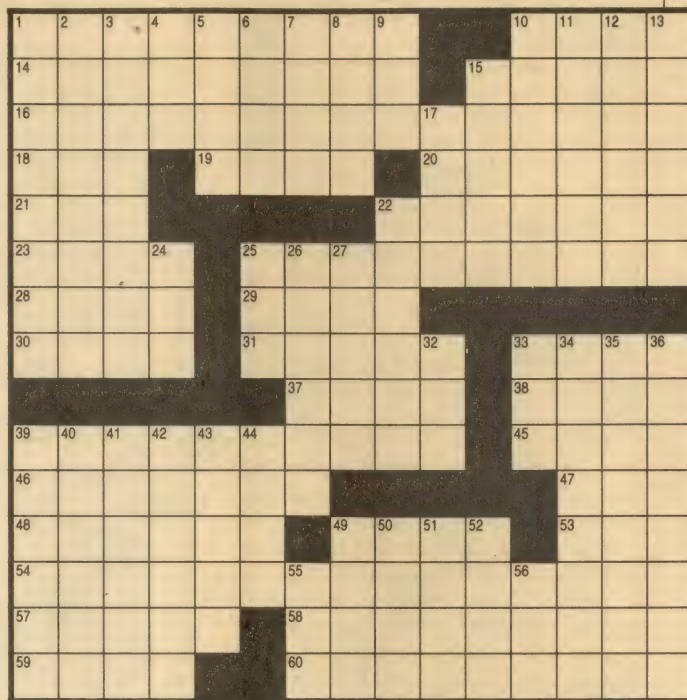
- 1 "Heartbreaking" disease
- 10 ____ Hashanah
- 14 "The San Francisco Treat"
- 15 ____ *Registrada* (trademark)
- 16 Letter from a former spouse?
- 18 Extinct ostrichlike bird
- 19 Nile vipers
- 20 Eights of clubs?
- 21 Conditions
- 22 Scarlett's friend
- 23 Potting need
- 25 Unexpected
- 28 Slaughter of baseball
- 29 "Flexible Flyer," e.g.
- 30 Put in the post
- 31 Critter in a eucalyptus
- 33 Young'uns
- 37 Takes avail of
- 38 "____ Ben Adhem" (Leigh Hunt poem)
- 39 Weather station devices
- 45 Privy to: 2 wds.

- 46 School primers
- 47 Hockey great Bobby
- 48 Some are marching
- 49 Historian's concern
- 53 Diamond stat.
- 54 Emulating Peary or Amundsen?: 3 wds.
- 57 Lower
- 58 Novel, to a Neapolitan
- 59 Hawaiian goose
- 60 Writes "heiroglyphics," e.g.

DOWN

- 1 Logical starting points
- 2 Words before "half-dozen of the other": 3 wds.
- 3 Event
- 4 Rock group ____ Speedwagon
- 5 ____ *Camera*: 3 wds.
- 6 Weaponry
- 7 Chicken noodle, for example

- 8 Wayfarer' stopovers
- 9 Acoma Indian clans
- 10 Wickerwork material
- 11 The East
- 12 Nova ____
- 13 Gingerbread house visitor
- 15 Twin crystal
- 17 Like some dormitories
- 22 Bette, of *The Rose*
- 24 "Acid"
- 25 Play investigator
- 26 Extra-base hits
- 27 Halt
- 32 Long-eared farm animal
- 33 Mai ____ (rum drink)
- 34 Irregular
- 35 Guest announcer
- 36 Dawn sights
- 39 Ankle-high work shoe
- 40 Oxygen-requiring bacterium
- 41 Circular angle
- 42 Seaport of central Denmark



Answer Drawer, page 64

- 43 Join the lane of traffic
- 44 Once, once
- 49 Persian sprite
- 50 Line through the globe
- 51 Silver types: Abbr.
- 52 Stumble
- 55 South African statesman "____ Paul" Kruger
- 56 Compass pt.

Triograms ★★

by Jo Steinberg

Each answer below is a three-word sentence in which the three words are anagrams of one another. For example, the clue "Sailing vessel circles swimming places" would be an-

swered by the sentence SLOOP LOOPS POOLS. How many of the following Triograms can you get? (Note: #10 is a toughie.)

Answer Drawer, page 63

1. English poet grabs T-bone.

6. Noisemakers alarm budding actress.

2. Gentleman deserves sundials.

7. Ducks commit fewest robberies.

3. Secretary observes start.

8. English prince alerted prison official.

4. Religious officials extend curtains.

9. Most nimble clergymen keep going.

5. Newspaper sends out stories.

10. Price-cutter starts price cuts.

More Puzzles on a Go Board

Last March we presented some Japanese logic puzzles called *hiroimono* (hee-roh-ee-moh-noh), which are derived from the Oriental game of go and date back at least as far as the 14th century.

The puzzles inspired two readers—James Brian, of Houston, and Jeffrey Wauer, of Ames, Iowa—to create some new examples of their own. Five of these appear at right, along with another Japanese puzzle (#6) that we recently discovered in an old Japanese book.

For new solvers: The object in each puzzle is simply to fill the circles with the counting numbers (1, 2, 3, etc.) according to the rules below.

To start, pick a circle (the choice can be important) and put the number 1 in it. Then move left, right, up, or down to a new circle and put a 2 in it. Continue moving to unfilled circles and filling them with numbers while observing these restrictions:

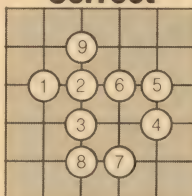
1. You may move only horizontally or vertically—never diagonally.

2. You may not pass over unfilled circles. (You may, however, pass over filled circles or any empty space between circles.)

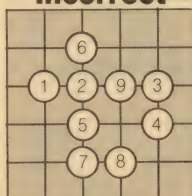
3. You may not retrace any part of your most recent move. For example, if you just moved from left to right, your next move cannot be from right to left.

Below is an example configuration solved correctly and incorrectly.

Correct



Incorrect

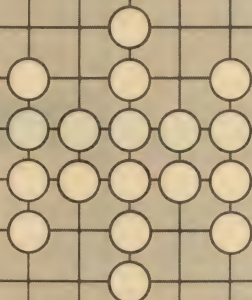


Note that in the second grid, the move from 2 to 3 illegally passes over an unfilled circle, and the move from 6 to 7 illegally retraces the move from 5 to 6.

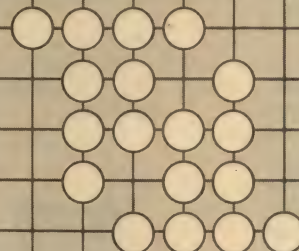
Some *hiroimono* puzzles have more than one solution, but finding any solution is sometimes tricky. Tip: Keep an eraser handy.

Answer Drawer, page 60

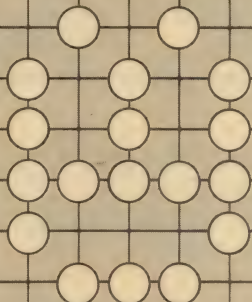
1. "H" Cross



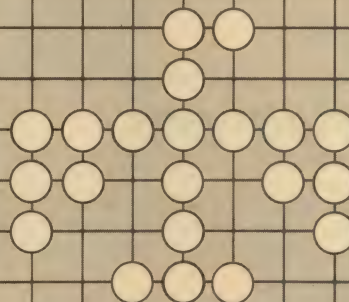
2. Gemini



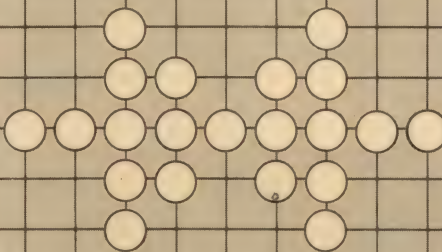
3. Hockey Mask



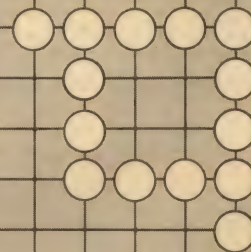
4. Phoenix



5. Barbell



6. Hang-glider

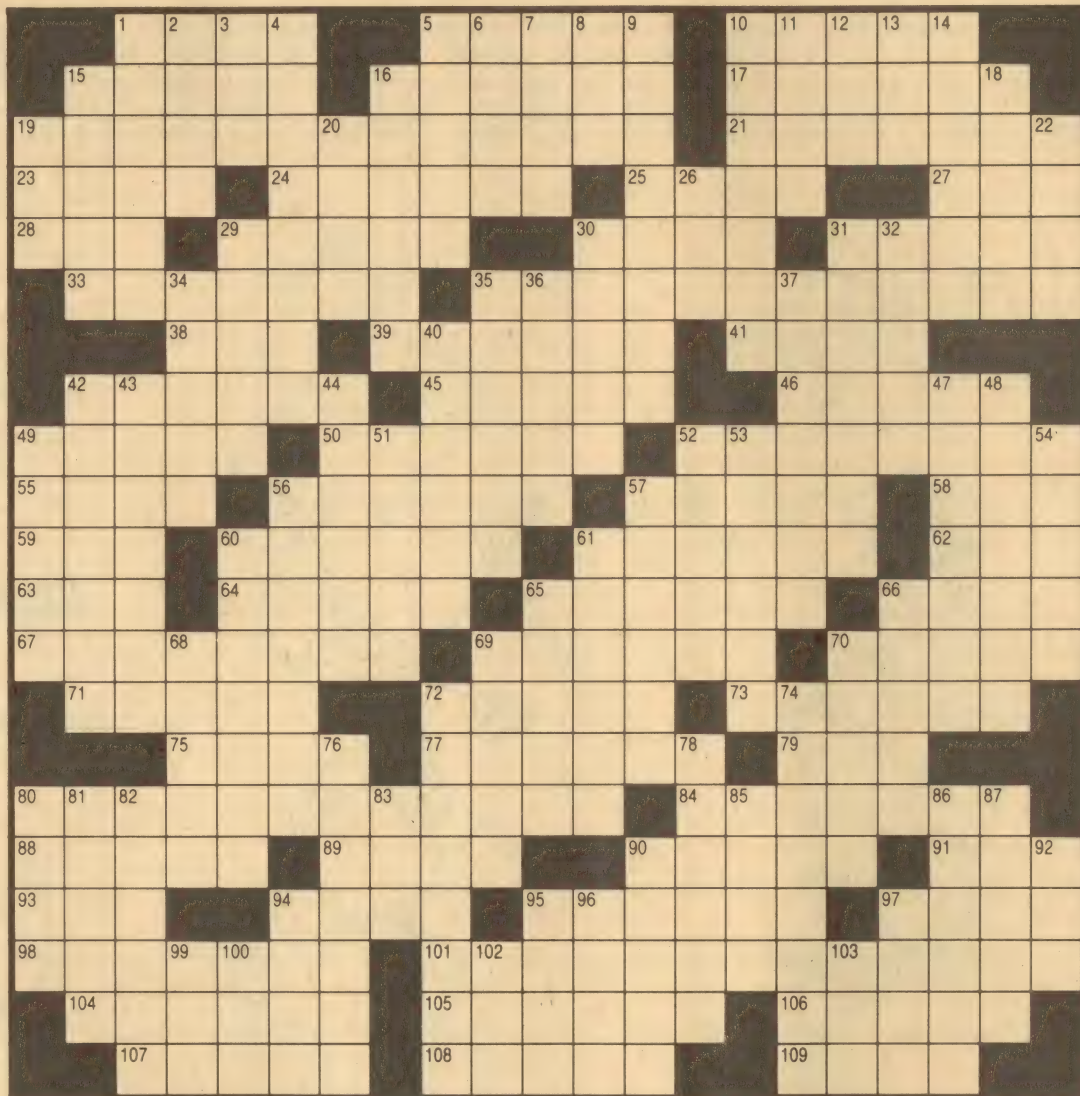


Double Occupancy ★★★

by Mike Shenk

ACROSS

- 1 Summer home, for some
- 5 TV's ____ *Buddies*
- 10 Mall businesses
- 15 1976 Sissy Spacek role
- 16 Direct route
- 17 Took one's show on the road
- 19 Limo feature, often
- 21 Thumbs-up
- 23 Passing notice?
- 24 ____ one's word (believe)
- 25 Dr. Watson's wife
- 27 "____ Yankee Doodle . . ."
- 28 Took the bait
- 29 Wan
- 30 Brewer's kiln
- 31 Wan
- 33 Author Keene, of Nancy Drew fame
- 35 Lose self-control
- 38 Petition
- 39 Tony Esposito, e.g.
- 41 Prop one's feet up
- 42 Recommend
- 45 Extras
- 46 On ____ (carousing)
- 49 It's ground in mills
- 50 Hightailing it
- 52 Aircraft carrier worker
- 55 Miscalculated
- 56 In quest of
- 57 Cad
- 58 Sgt. Snorkel's dog
- 59 Beat mercilessly
- 60 Demarcating, old-style
- 61 Kicks off
- 62 Dreamer's state
- 63 List ender
- 64 Giving the boot
- 65 Shakers' kin?
- 66 Relinquish
- 67 One again
- 69 Roadrunner pursuer
- 70 Swab material
- 71 Cabinet department
- 72 Fowl language?
- 73 Israel's Ariel
- 75 Warring Teutonic tribe
- 77 Caught a critter



DOWN

- 79 Bird study: Abbr.
- 80 The Continental Op's creator
- 84 Quarterback plays
- 88 Cisco's send-off
- 89 Dress (up)
- 90 ____ Atatürk
- 91 Tie the knot
- 93 Taunt
- 94 Terra ____
- 95 Sun Yun-suan's home
- 97 Thurber's daydreamer
- 98 About 1.34 horsepower
- 101 Newspaper feature
- 104 One kind of value
- 105 Landscape
- 106 Old gold coin
- 107 Morose
- 108 Watch features
- 109 Con
- 20 Wall Street upswing
- 22 "Heaven sakes!"
- 26 Silvery gray
- 29 Conundrum
- 30 Near future
- 31 Suffer from a bop on the head
- 32 More fitting
- 34 Rough around the edges
- 35 Wandering about
- 36 Tea choice
- 37 Anesthetizes
- 40 Doing crew work
- 42 Gives a toothed edge
- 43 Boxing swing
- 44 "... on ____ Canal" (old song lyric)
- 47 Cupid
- 48 Fingered
- 49 Flopsy's brother
- 51 One-of-____
- 52 Famed lexicographer
- 53 Costumes
- 54 Constant dissenters
- 56 Mae West's last film
- 57 Declare null and void
- 60 Tiki House drinks
- 61 Consumer revolt
- 65 Rich dessert
- 66 Bony horn
- 68 Corn chip flavor
- 69 Cold and damp
- 70 Noel
- 72 Exemplifiers of elegance
- 74 "The Happy Hooker"
- 76 Stolen, perhaps
- 78 Tapped
- 80 Foreboding
- 81 Deborah of *Finder of Lost Loves*
- 82 Is red-hot
- 83 Jabba's language
- 85 Barbra's *Funny Girl* co-star
- 86 Stir around
- 87 Forgo a lawsuit
- 90 New Zealand natives
- 92 Anil, e.g.
- 94 Racer
- 95 Baseball manager Joe
- 96 Indian state
- 97 Makes faces
- 99 Columbus campus
- 100 Mason's product
- 102 Do linen-making work
- 103 Hawaiian sarong

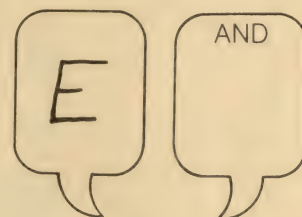
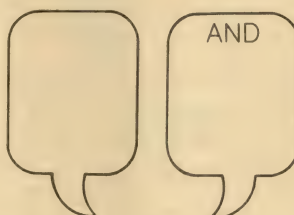
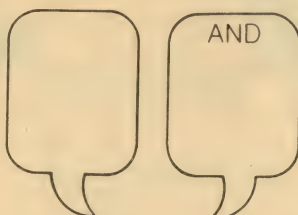
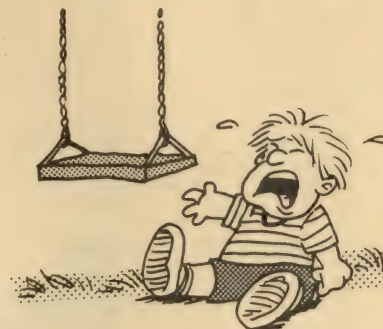
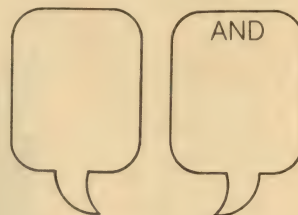
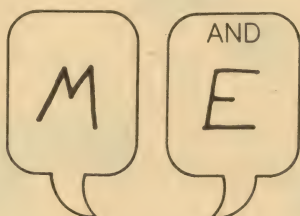
Answer Drawer, page 63

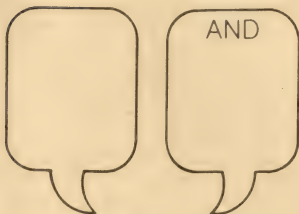
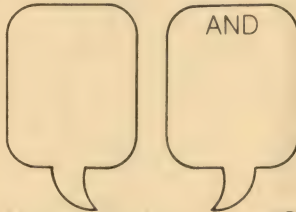
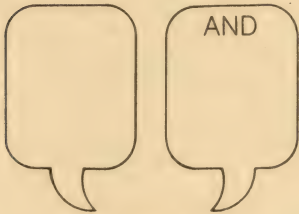
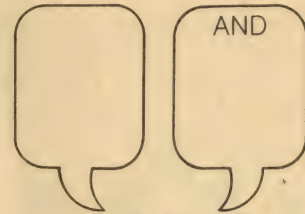
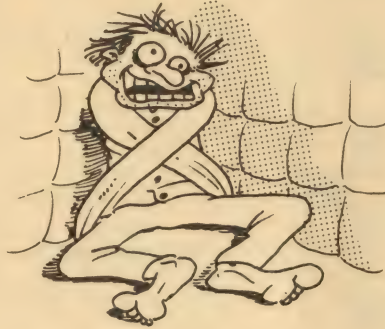
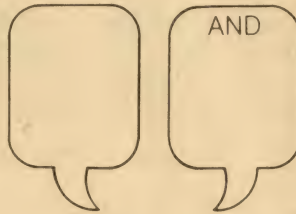
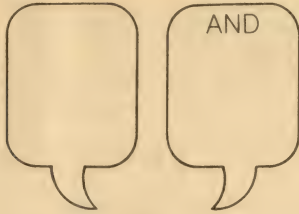
You Think You've Got It Bad? ★★

All these characters have double troubles—and every trouble's got a double. That is, everyone here has two different complaints from among the list on the opposite page, and every complaint is common to two people (although often with two different meanings). Who's whining about what?

Well, the taxi driver gripes "I had a breakdown" (complaint M) and "I got a bad tip" (E); the spy also got a bad tip (in a different sense), and adds another gripe, which in turn is repeated by someone else. . . . Can you complete the chain of complaints, which will end by returning to the taxi driver?

Answer Drawer, page 64





COMPLAINTS

- | | |
|-------------------------------------|------------------------------------|
| A. I lost my marbles. | H. I upset the pitcher. |
| B. I missed the ball. | I. My part's not prominent enough. |
| C. This group's got a lousy record. | J. This break is terrible. |
| D. I forgot my cue. | K. I spilled the beans. |
| E. I got a bad tip. | L. The courts are too crowded. |
| F. My swing is rusty. | M. I had a breakdown. |
| G. I don't like this new wave. | |

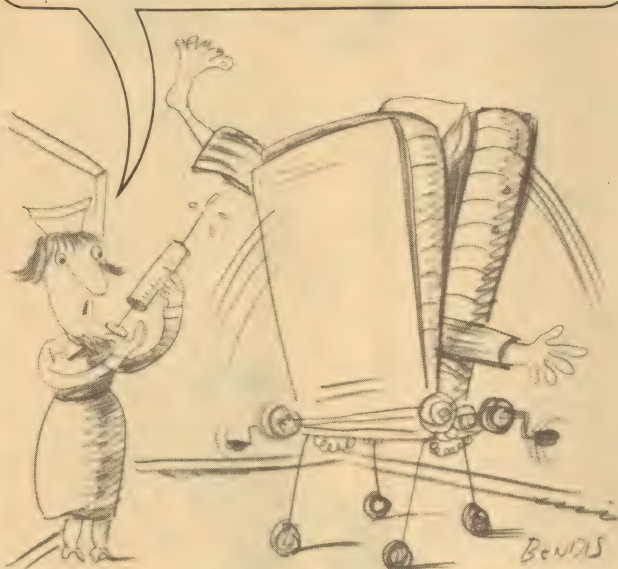
Below are seven messages—consisting of pithy sayings, fascinating facts, and a cartoon gag—that have been translated into simple code alphabets. Letter substitutions remain constant throughout any one cipher, but change from one cipher

to the next, and the level of difficulty increases as you progress. An asterisk (*) indicates a proper noun.

Clues are given at the bottom of the page to provide assistance if you need it. *Answer Drawer, page 58*

1. CRYPTOON

TBQ KMA'X UDVJ PSBZ ZJ,
*ZS. *RDNEBA, EB KBZJ BQX
MAV XMOJ TBQS
MAXDYDBXDK EUBX NDOJ M
ZMA.



2. WELL-PRESERVED

LOM LOFMM QCMU EB JQV:
IEGLO, JNPPDM QCM, QVP
"IEG'FM DEEXNVC
HEVPMFBGD!" —*BFQVANU
*AQFPNVQD *UKMDDJQV

3. NO CHOICE

RDKNQFTH CDM MHRT CTFT
BTQ YPNBPF ZHQ VMNZYYTY
VKLDX DZUT GFTBTFFTQ XDT
ZKNVTHX XM XDT
GFTUTHXKMH.

4. ALL IN THE FAMILY

BRDDKNRC, VUHLDC, KZADEC,
NHW TNAMNEC CRNED YHD
TYUPMV KENZK XZKR
YEWZHNEU RYMCD BNKC —
KRDU FMEE.

5. BLOWHARDS

NGHDLVDK, JCTTCFSR
GKKCJLGXVW BLXY
*KJCXXLKY TMKLJ, DZCNGNSR
YGW GFJLVFX *VHRDXLGF
GFJVKXCZK.

6. SOARING SKILL

BYTHN MJKFLH SKJCN XTV
BSLVF WCPHB TJCZN
XKHXXKVM TNCS BNHCVM
NWLHYTJ PSFHTZN.

7. LANDSCAPER'S BARGAIN

ABCDEFGH, IJKLM IGMNB
EIMOP QJHI EIJB UDCJGST,
KGR UJA OV NMGP
PGKLBGMN UDM FJRJFGC
KDEH.

TIPS AND CLUES

Cipher 1: Ciphertext *ZS. is a good bet to represent MR. The one-letter word is A.

Cipher 2: Compare ciphertext LOM and LOFMM. Try THE and THREE.

Cipher 3: Only one common English word contains ciphertext pattern GFTBTFFTQ. Hint: T = E.

Cipher 4: A three-letter word after a series of commas is often AND.

Cipher 5: Ciphertext K = S. Note its doubling in the third word and its appearance at the start or end of three other words.

Cipher 6: Ciphertext KVM represents the common suffix -ING.

Cipher 7: The five vowels A, I, O, U, and Y are represented by B, D, G, J, and Q, but not necessarily in that order. Bonus hint: The letter E appears only once.

Cryptic Crosswords ★★★

Each clue in a cryptic crossword contains two parts: a definition of the answer and a second description of it through wordplay. Finding the dividing point between parts is the key

to solving. Watch for anagrams, hidden words, charades of two or more smaller words, and other language tricks. Puzzle 2 is harder than Puzzle 1.

Answer Drawer, page 62

Puzzle 1 by Mike Shenk

ACROSS

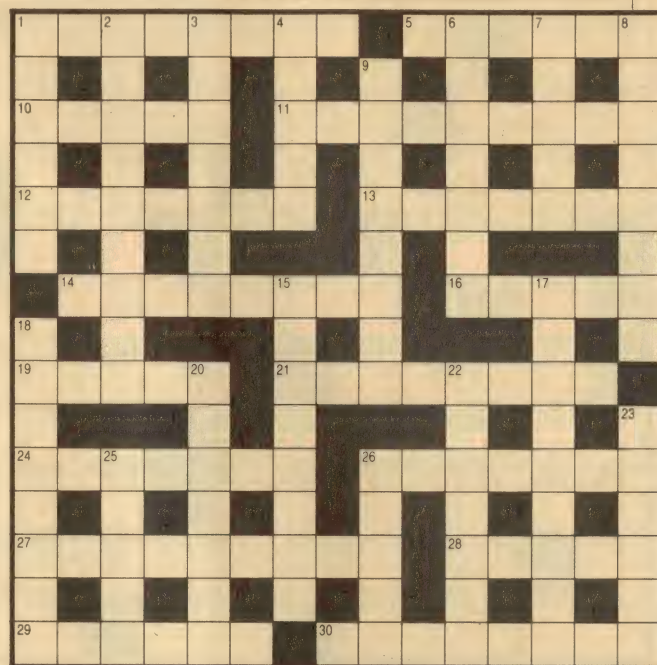
- 1 Doctor dictates crucial examination (4,4)
- 5 Scout's leader gets by with compasses (6)
- 10 Buffalo Bills' leader is running (5)
- 11 Millions returned to help farm girl (9)
- 12 Weapon is turned against darling mother's head (7)
- 13 Everybody in demonstration is superficial (7)
- 14 Three got drunk in concert (8)
- 16 Off-key ode lover has to sing in the mountains (5)
- 19 An involuntary spasm is oddly amusing (5)

- 21 Ailments rampant in harsh workplace (4,4)
- 24 Trailer involved in second court appearance (7)
- 26 First person at a certain musical bar (7)
- 27 One way to get into port violently rocks boat's staff (9)
- 28 Interior design for section of worldwide corporation (5)
- 29 So, army division is scattering (6)
- 30 Books about origin of mahogany chair parts (8)

DOWN

- 1 Mother climbs over shrubbery in sneak attack (6)

- 2 Us edition is misprinted, with cover and contents switched (6-3)
- 3 Utensils essential to government in war effort (7)
- 4 Reveling dooms sinful city (5)
- 6 Constant complainer turned crabby at end of day (7)
- 7 Gem set right in ring (5)
- 8 Silk stocking was shocking, turning up in promenade (8)
- 9 Enlist Mr. Wilder as a troubadour (8)
- 15 Savagely ruthless swindlers (8)
- 17 Criticizes study on nonmetric weights (9)
- 18 Prohibit shelving in army dwellings (8)
- 20 Red border's covered by jailbird (7)



- 22 Wind is nastier around beginning of December (7)
- 23 Mr. Carney wears man's suit (6)
- 25 Cast finished in speech (5)
- 26 Worm wriggles around front of electric grass trimmer (5)

Puzzle 2 by Henry Hook

ACROSS

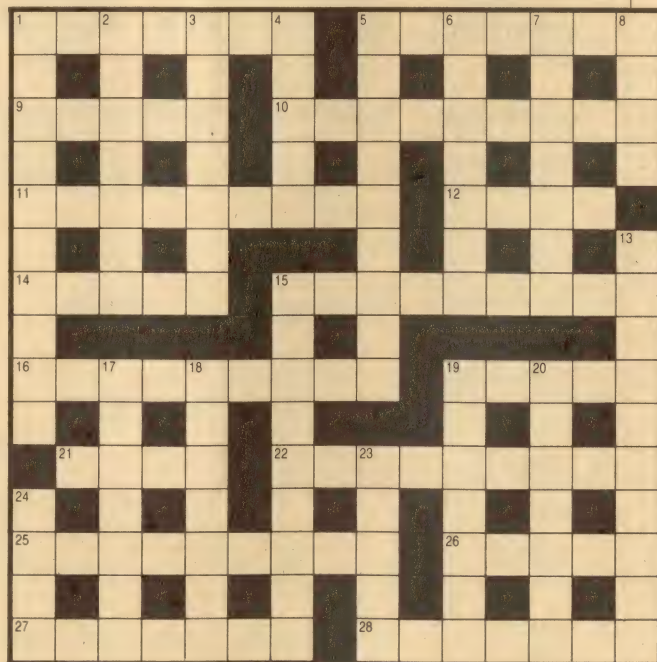
- 1 Is getting names mixed up (2,1,4)
- 5 Sports car hit into mangled corpse (7)
- 9 Jeopardy! player initially returned Italian money (5)
- 10 Extemporizing line one in Big Band medley (2-7)
- 11 Aspirin overturned amid circles of candy (9)
- 12 Dividing part of coin toss (4)
- 14 Manuscript about ace of clubs (5)
- 15 Hot hitter bats until that time (9)
- 16 Invite to a bash with a beginner (9)

- 19 Black-and-white articles for master (5)
- 21 Sailor: "I desert" (4)
- 22 Religious leader seen in *Fly*, a daytime drama (4,5)
- 25 Medical care for tamer mauled in Big Top (9)
- 26 Seat in overturned sacks (5)
- 27 Swimmers' Club women (6)
- 28 The man could be Flemish (7)

DOWN

- 1 Result of a piercing tool! (10)
- 2 Mrs. Kramden almost has to scream for a kind of paint (7)

- 3 A slicer chopped up bakery items (7)
- 4 Waves to treaty group (5)
- 5 Mideast region suffering penalties (9)
- 6 Shot one in a hurry? Nonsense (7)
- 7 Fair-grade star of *Three's Company* is an animal (7)
- 8 "The monster is back!" "So?" (4)
- 13 Novel is boosted for featuring Bond (5,1,4)
- 15 Oolong experts forfeiting one to truck drivers (9)
- 17 Purple Rain's finale comes in with force (7)
- 18 List the exotic plant (7)



- 19 Flower's misplacement during mob uprising (7)
- 20 One-time-only paint remover (7)
- 23 A desire to write a letter (5)
- 24 Constable carries stick (4)

Double Cross ★★

by Michael Ashley

Answer the clues for words to be entered on the numbered dashes. Then transfer the letters on the dashes to the correspondingly numbered squares in the puzzle grid to spell a quotation reading from left to right. Black squares separate

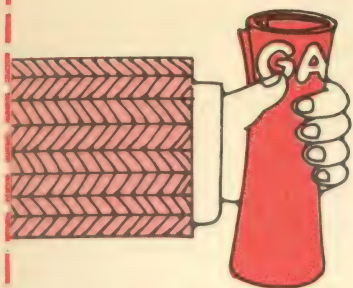
words in the quotation. Work back and forth between grid and word list to complete the puzzle. When you are done, the initial letters of the words in the word list will spell the author's name and the source of the quotation. *Answer Drawer, page 60*

1K	2V		3R	4I	5L	6A	7N	8F	9U	10D		11H	12A	13S	14C		15Q	16K	17T		18N
19B	20I	21O		22K	23L	24Q	25E	26M	27R	28A		29Q	30J	31F	32U		33S	34O	35U		36D
37G	38I	39A	40U	41H	42M		43L	44Q	45K		46A	47O	48S	49G		50J	51C	52O		53U	54T
	55M	56K	57F		58P	59J		60J	61G		62M	63Q	64R	65K		66K	67I	68P	69V	70C	71B
	72I		73Q	74C	75G	76N	77J	78P	79I	80T	81D	82M	83F	84V		85J	86B	87R		88G	89Q
	90P	91B	92M	93T		94U	95C	96G	97H	98D	99O	100S		101E	102T		103L	104B	105J	106N	107C
108V	109F	110E	111A	112D	113I	114Q		115B	116G	117A		118P	119T	120K	121F	122O	123U	124C		125L	126D
127N	128Q	129J	130M	131U	132B	133V		134F	135A	136N	137P	138L	139K	140H		141T	142L	143A		144C	145F
146R		147B	148N	149L	150I	151Q	152J	153R	154C	155U	156G	157A	158D		159M	160O	161C	162L	163P	164A	165N
166B	167F	168S	169D	170U		171M	172A		173L	174N	175U		176S	177I	178Q	179O	180D	181N	182E	183K	

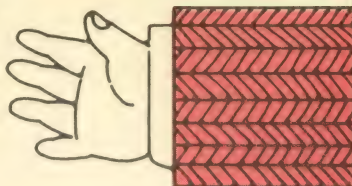
- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A. Skilled in the law 6 12 28 39 46 111 117 143 164</p> <p>B. Advocates of conservatism (2 wds.) 19 166 71 115 147 104 86 91 132</p> <p>C. Fee for a guest speaker 14 51 70 74 95 107 124 161 154 144</p> <p>D. Home of the Grand Ol' Opry 10 36 180 112 98 169 81 126 158</p> <p>E. Farm storage tower 25 101 110 182</p> <p>F. Item continually improved by inventors 8 31 57 121 109 83 134 145 167</p> <p>G. Run-of-the-mill 88 37 49 116 75 156 96 61</p> <p>H. Sudden military attack 11 41 97 140</p> <p>I. Pertaining to old age 150 4 67 113 20 79 38 72 177</p> <p>J. Nonsensical parody 152 60 30 50 105 129 59 77 85</p> <p>K. One-time Massachusetts whaling center (2 wds.) 183 16 22 120 139 1 66 56 65 45</p> | <p>L. Mixed-flavor ice cream 5 23 43 103 142 162 138 173 125 149</p> <p>M. Defeated at a game 171 92 26 159 42 82 55 130 62</p> <p>N. One who loves things English 7 18 76 106 148 136 174 181 127 165</p> <p>O. Son of the West Wind, in the Longfellow poem 21 34 47 52 99 122 160 179</p> <p>P. Ambushed 118 163 90 137 78 68 58</p> <p>Q. Obstruction, burden 63 89 73 29 15 24 151 114 44</p> <p>R. "It was _____ killed the beast" (King Kong) 3 27 64 87 153 146</p> <p>S. Civil War battle site, 1862 13 33 48 100 176 168</p> <p>T. Series of contests 17 54 80 93 102 119 141</p> <p>U. Mixed greens, of a sort (2 wds.) 175 32 131 9 40 123 35 94 155</p> <p>V. Like marsh plants 2 69 84 108 133</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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by Richard Silvestri



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N A S Y S
N W L L N
A D S Y

64 January game
65 Lugubrious
66 Scots toss it
67 Inflation
allowance
69 Astronomer's
refusal?
73 Turn of the
page?
74 Like the
Kalahari
75 Airline extra

is and the next two pages has two
clues: "Hard" and "Easy." First, fold
dashed line so the clues below face
page 39. If you use only the Hard Clues
(continuing under the grid), you'll find
only challenging. If you want help, or
challenge, open to the Easy Clues
(fold on page 38).

★★★

- | | |
|------------------------------------|------------------------------------|
| 6 Narrow stretch
of water | 136 Percolate slowly |
| 7 "Day ____"
(1969 hit song) | 137 Evidence of
heliolatri? |
| 9 Nonprofessional | 138 Antithesis of
wimpy |
| 10 They're
sometimes
cracked | 139 Mock-up |
| 2 The College
Widow author | 140 Mustard, for one |
| 3 Gotham City
crimefighter | 142 Gambler's
refusal? |
| 5 Opposite of
spring | 146 Make a
beginning |
| 7 Mezzo-soprano
Obraztsova | 149 Mouth piece? |
| 8 Yankee
Hall-of-Famer | 150 Surface |
| 10 All-time
bestseller | 151 Trial figure of
1950 |
| 3 Game shows'
competition | 154 Kind of cartoon
"Melodies" |
| 7 German crowd? | 156 Your Erroneous
Zones author |
| 9 Helpless | 157 Arbitrator's
refusal? |
| 3 Palais dweller | 163 Anent |
| 4 Piece of pasta | 164 Section of seats |
| 5 "Cheers"
proprietor | 165 Pressing need |
| 8 EEGs, e.g. | 166 Carpet
computation |
| 1 Where port is left | 167 Kids |
| 2 Some strikes | 168 Lifers |
| 4 It is, in
Valencia | 169 One-A org. |
| 5 Copernicus, for
one | 170 Onion's kin |
| 7 Euphemist's
refusal? | 171 Work the bar |
| 10 Wholesale figure | 172 Dispatch |
| 1 Cecil B.'s niece | 173 Beatles' "____
Only Love" |
| 2 Miss Liberty's
coat? | |

DOWN

- | | |
|--------------------------------------|----------------------------|
| 123 If not | 1 Like a caboose |
| 124 Pill-shaped | 2 Biographer's
refusal? |
| 126 Kennel club
pariah | 3 Lethargy cause |
| 127 Judge's refusal? | 4 Staffs |
| 130 It puts the icing
on the cake | 5 Red-tape
producers |
| 133 Thimblery prop | 6 Tasted with
pleasure |
| 134 Of Lights or of
Lots | 7 Domingo's gigs |
| 135 Willie and
Waylon, e.g. | 8 "Oh dern!" |
| | 9 Give the
heave-ho |
| | 10 Oospheres |
| | 11 Sometime
screwdriver |

Double Cross ★★

by Michael Ashley

Answer the clues for words to be entered in the grid. Then transfer the letters on the grid to the correspondingly numbered squares in the quotation reading from left to right. E

1K	2V		3R	4I	5L	6A
19B	20I	21O		22K	23L	24Q
37G	38I	39A	40U	41H	42M	
	55M	56K	57F		58P	59J
	72I		73Q	74C	75G	76N
	90P	91B	92M	93T		94U
108V	109F	110E	111A	112D	113I	114Q
127N	128Q	129J	130M	131U	132B	133V
146R		147B	148N	149L	150I	151Q
166B	167F	168S	169D	170U		171M

A. Skilled in the law 6 12 28 39

B. Advocates of conservatism (2 wds.) 19 166 71 115 1

C. Fee for a guest speaker 14 51 70 74

D. Home of the Grand Ol' Opry 10 36 180 112

E. Farm storage tower 25 101 110 182

F. Item continually improved by inventors 8 31 57 121 1

G. Run-of-the-mill 88 37 49 116

H. Sudden military attack 11 41 97 140

I. Pertaining to old age 150 4 67 113 20 79 38 72 177

J. Nonsensical parody 152 60 30 50 105 129 59 77 85

K. One-time Massachusetts whaling center (2 wds.) 183 16 22 120 139 1 66 56 65 45

battle site, 1862 13 33 48 100 176 168

T. Series of contests 17 54 80 93 102 119 141

U. Mixed greens, of a sort (2 wds.) 175 32 131 9 40 123 35 94 155 170 53

V. Like marsh plants 2 69 84 108 133

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Advice Columns ★★

by Norma Gleason

A short message appears in the block of letters below, but we've disguised it by rearranging the eight numbered columns. By returning the columns to their proper order, you'll reveal the message reading left to right across the rows, starting at the top and ending at the bottom. What does it say?

Answer Drawer, page 60

1	2	3	4	5	6	7	8
T	A	S	F	T	R	U	R
S	H	I	I	E	T	N	O
E	E	F	D	N	R	F	I
T	E	E	C	E	W	B	E
T	O	A	N	U	Y	H	W
N	W	A	A	H	D	E	R
U	H	O	A	I	T	Y	T
U	R	O	N	E	A	Y	K

Word Division ★★

by Neill Smith

In this cryptogrammatic long-division problem, each letter of the alphabet stands for the same digit throughout. When the puzzle is completed, you'll discover a bonus phrase by arranging in numerical order the letters representing the digits 0 to 9.

Answer Drawer, page 60

0	1	2	3	4	5	6	7	8	9			
								S	A	Y		
N	E	W	T									
				D	E	T	A	I	L	S		
				D	S	E	A	E				
				A	D	Y	N	L				
								N	E	W	T	
								N	A	S	Y	S
								N	W	L	L	N
								A	D	S	Y	

The World's Most Ornerly Crossword

by Richard Silvestri

Refuse Collection

The crossword on this and the next two pages has two independent sets of clues: "Hard" and "Easy." First, fold this page back on the dashed line so the clues below face the solving grid on page 39. If you use only the Hard Clues (appearing below and continuing under the grid), you'll find the puzzle uncommonly challenging. If you want help, or prefer a less severe challenge, open to the Easy Clues (tucked in beneath your fold on page 38).

Hard Clues ★★

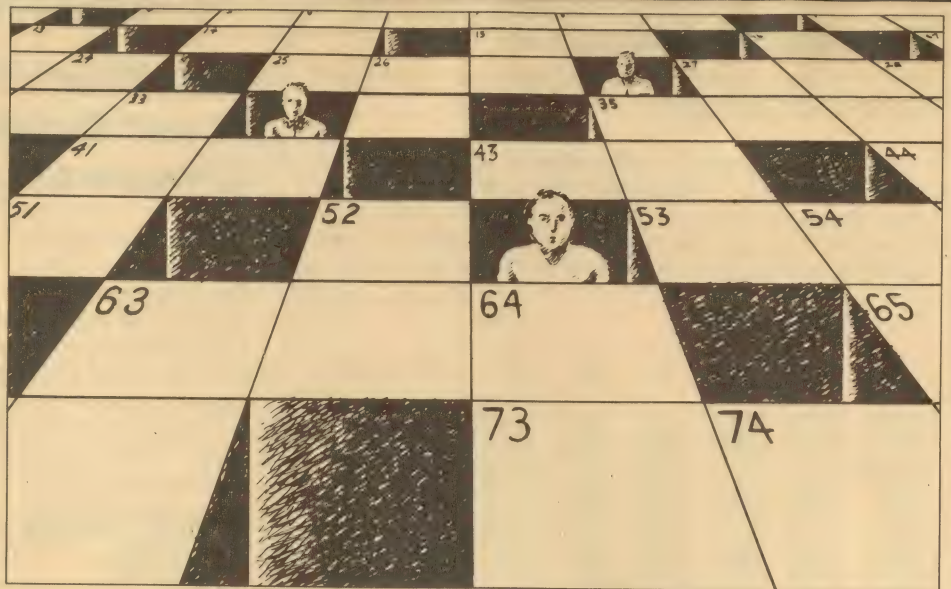
- | | | |
|---------------------------------|------------------------------------|----------------------------------------|
| ACROSS | 76 Narrow stretch of water | 136 Percolate slowly |
| 1 Messenger, of a sort | 77 "Day ____" (1969 hit song) | 137 Evidence of heliolatry? |
| 4 Kind of jar | 79 Nonprofessional | 138 Antithesis of wimpy |
| 9 Hammurabi legacy | 80 They're sometimes cracked | 139 Mock-up |
| 13 Sphere leader | 82 <i>The College Widow</i> author | 140 Mustard, for one |
| 17 One whose days are numbered? | 83 Gotham City crimefighter | 142 Gambler's refusal? |
| 20 Many millennia | 85 Opposite of spring | 146 Make a beginning |
| 21 Dumbstruck | 87 Mezzo-soprano | 149 Mouth piece? |
| 22 All agog | 88 Yankee | 150 Surface |
| 23 Panache | 90 All-time bestseller | 151 Trial figure of 1950 |
| 24 Italian bread | 93 Game shows' competition | 154 Kind of cartoon "Melodies" |
| 26 Seer's subject | 97 German crowd? | 156 <i>Your Erroneous Zones</i> author |
| 27 Antiquary's refusal? | 99 Helpless | 157 Arbitrator's refusal? |
| 31 Memo word | 103 <i>Palais</i> dweller | 163 Anent |
| 32 Bar drinks | 104 Piece of pasta | 164 Section of seats |
| 33 List ender | 105 "Cheers" proprietor | 165 Pressing need |
| 34 Old heaters | 108 EEGs, e.g. | 166 Carpet computation |
| 35 "Amor" conquers it | 111 Where port is left | 167 Kids |
| 37 Gets in uninvited | 112 Some strikes | 168 Lifers |
| 40 Boxer's refusal? | 114 It is, in Valencia | 169 One-A org. |
| 44 Berlin income? | 115 Copernicus, for one | 170 Onion's kin |
| 46 Coarse hairs | 117 Euphemist's refusal? | 171 Work the bar |
| 49 Nasal passages | 120 Wholesale figure | 172 Dispatch |
| 50 RAF award | 121 Cecil B.'s niece | 173 Beatles' "____ Only Love" |
| 51 Hawed the wrong way? | 122 Miss Liberty's coat? | |
| 52 Sturdy cane | 123 If not | |
| 54 Busted | 124 Pill-shaped | |
| 55 Crows' feat? | 126 Kennel club pariah | |
| 58 Bones up | 127 Judge's refusal? | |
| 60 Idler's refusal? | 130 It puts the icing on the cake | |
| 62 Future poi | 133 Thimblery prop | |
| 63 Take it from the top | 134 Of Lights or of Lots | |
| 64 January game | 135 Willie and Waylon, e.g. | |
| 65 Lugubrious | | |
| 66 Scots toss it | | |
| 67 Inflation allowance | | |
| 69 Astronomer's refusal? | | |
| 73 Turn of the page? | | |
| 74 Like the Kalahari | | |
| 75 Airline extra | | |

DOWN

- 1 Like a caboose
- 2 Biographer's refusal?
- 3 Lethargy cause
- 4 Staffs
- 5 Red-tape producers
- 6 Tasted with pleasure
- 7 Domingo's gigs
- 8 "Oh dern!"
- 9 Give the heave-ho
- 10 Oospheres
- 11 Sometime screwdriver

The World's Most Ornery Crossword (continued)

Don't Peek Until
You Read
Page 37!



Easy Clues ★

ACROSS

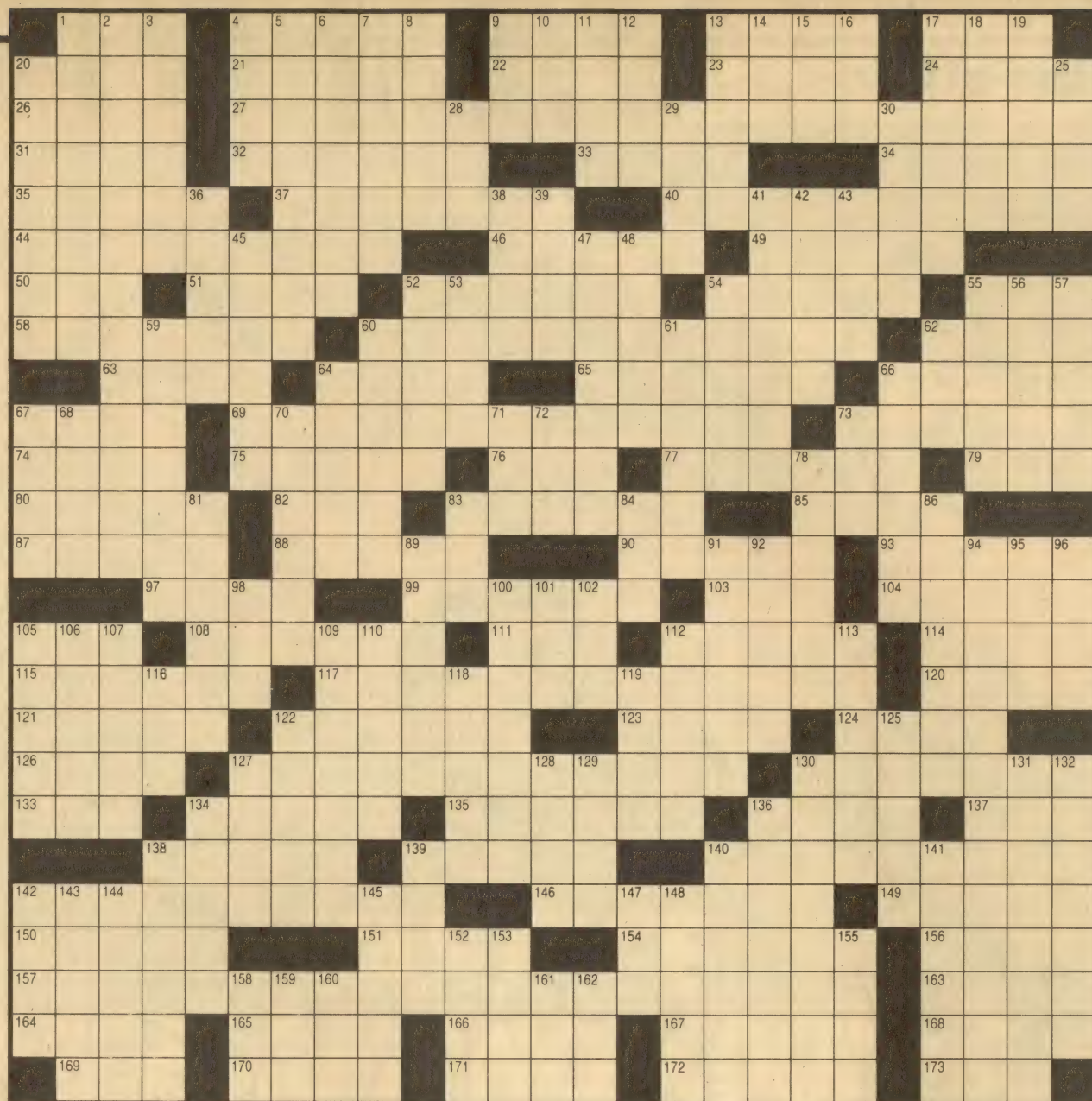
- 1 Genetic material
4 TV's Perry
9 Secret writing
13 Prefix with sphere
17 Accountant: Abbr.
20 Long, long time
21 Open-mouthed
22 Enthusiastic
23 Zest
24 Coin of Italy
26 Destiny
27 Antiquary's refusal?: 5 wds.
31 ____ A to Z
32 Horse sounds
33 Footnote abbr.: 2 wds.
34 Lab heaters (ANTES anag.)
35 ____ vincit amor (MAIN O anag.)
37 Stock market disasters
40 Boxer's refusal?: 3 wds.
44 Composer's payments
46 Bristles (TEASE anag.)
49 Nostrils (SNARE anag.)
50 British army medal: Abbr.
51 Turned right
52 Wickerwork material
54 Arrested: 2 wds.
55 Crow's cry
58 Crams for a test
60 Idler's refusal?: 2 wds.
62 Edible root (A ROT anag.)
63 Make over
- 64 Cereal dish
65 Melancholy
66 Pole tossed by Scots (BRACE anag.)
67 Coke or Pepsi
69 Astronomer's refusal?: 5 wds.
73 Minor chore
74 Excessively dry
75 Ruffle
76 Inlet (AIR anag.)
77 "What's done ____": 2 wds.
79 Produce an egg
80 Wall vaults
82 Orange drink
83 "The Caped Crusader"
85 Tide type
87 Actress Verdugo (AN EEL anag.)
88 Catcher Yogi
90 The Good Book
93 Detergents
97 Three: Ger.
99 Incompetent
103 French king
104 Arm joint
105 Popular uncle
108 Textbook diagrams
111 Red or Dead
112 Sports no-nos
114 ¿Cómo ____ usted?
115 Moon depression
117 Euphemist's refusal?: 4 wds.
120 Expense
121 Actress Moorehead
122 Copper film
123 Different
124 Football shape
126 Jeff's partner

- 127 Judge's refusal?: 4 wds.
130 Flapjack flipper
133 Pod item
134 Elaborate meal
135 Austin natives
136 Ooze
137 Light brown
138 Like a he-man
139 Cover girl
140 Mustard or ketchup
142 Gambler's refusal?: 3 wds.
146 "Get the ____!" ("Hurry!"): 2 wds.
149 Gamma follower
150 Stand up
151 Snaky sound
154 "Looney Tunes and ____ Melodies"
156 Textile colorer
157 Arbitrator's refusal?: 3 wds.
163 Concerning: 2 wds.
164 Layer
165 ____-poor blood
166 Neighborhood
167 Years twixt 12 and 20
168 Hoodwinks
169 Draft org.
170 Onionlike vegetable
171 Have an inclination
172 Swiftiness
173 The I in TGIF

DOWN

- 1 Farthest from the front
2 Biographer's refusal?: 4 wds.

- 3 Blood deficiency
4 ____ best friend (dog)
5 Government bureaus
6 Relished
7 Met productions
8 Old cry of disgust
9 Is able to
10 Eggs
11 Thin coin
12 Correct copy
13 Word to Dolly
14 Inventor Whitney
15 Former Chinese leader
16 Tavern
17 Baseballer Boyer and others (SELECT anag.)
18 Liberace's instrument
19 Pianist Claudio
20 Furnishes
25 Aide: Abbr.
28 Somewhat: Suffix
29 Doily stuff
30 Red Sea republic
36 Chilly (I GLAD anag.)
38 Baltic native (SETH anag.)
39 Ancient Egyptian king (TIES anag.)
41 Randomly pointed
42 Nursemaid
43 Math branch, for short
45 Start golfing: 2 wds.
47 Chinese puzzle-game (RAM GNAT anag.)
48 ____-Saxon
- 52 Wheel on a spur
53 King of the Huns (TAIL anag.)
54 Kitchen and den
55 Secret plot
56 Sphere of action
57 Verbose
59 Cul-de-sac: 2 wds.
60 More virtuous
61 Anno ____
62 Paving goop
64 Groom's mate
66 Pleat
67 Four six-packs
68 Spoken
70 Saudi ____
71 ____ la la
72 In good shape
73 Direction opposite WSW
78 Playwright Eugene
81 NCOs, familiarly
83 Prohibition
84 Honest ____
86 Skunk
89 English critic John (RINK US anag.)
91 Read casually
92 Brother of Huey and Dewey
94 Despot's refusal?: 2 wds.
95 Cooking vessels
96 Swing at a fly
98 Botch up
100 Not proud (of)
101 Swarm member
102 Lake: Fr.
105 Rascal
106 Debate
107 Devilfish
109 ____ words (puns): 2 wds.
110 Swing on: 2 wds.
- 112 Movies
113 On a slant
116 Asian holiday
118 ____ end (lined up): 2 wds.
119 Acute
122 Czech's capital (A HARP anag.)
125 Dull and flat
127 Engineering school, for short
128 Figure skater's jump
129 Cabbage variety
130 Capable of feeling
131 Old lights
132 Star in Scorpio (AN E STAR anag.)
134 Smoothing tool (FARCE anag.)
136 Origins
138 Lasers' forerunners
139 Israel's Golda
140 Eye part
141 Famed Florentine family
142 Ending for astro or cosmo
143 Birds of a region (ROSIN anag.)
144 Sea phases
145 Narrow opening
147 Quantity: Abbr.
148 Love and ____ (Woody Allen film)
152 "Go away!"
153 Certain
155 In ____ (actually)
158 Nothing
159 Mine output
160 Cedar Rapids college
161 Chess pieces
162 Mournful



Answer Drawer, page 64

Hard Clues (cont'd)

- | | | | | | |
|----------------------------------|----------------------------------------|-------------------------------------|------------------------------|------------------------------|----------------------------------------------------|
| 12 Emulate Perry White | 39 Successor of Ramses | 61 Part of A.D. | 91 Idly shop | 118 Put an ____ (polish off) | 141 Lorenzo il Magnifico, for one |
| 13 "____, I must be going ..." | 41 Random | 62 Feather bed? | 92 Friend of the Bowery Boys | 119 Discerning | 142 Suffix with "aero" |
| 14 New Haven "Bulldog" | 42 Mary Poppins, e.g. | 64 Miss no more | 94 Despot's refusal? | 122 Dubček's capital | 143 Avifauna |
| 15 Famed chairman | 43 Spruce | 66 Goalie's area | 95 Kitties | 125 Insipid | 144 Bay of Fundy phenomena |
| 16 Gasthaus | 45 Incense | 67 Detective work | 96 Police team | 127 Cal or Georgia | 145 Armor flaw |
| 17 Boyer and Roberts | 47 Seven-piece puzzle | 68 Vaccine type | 98 Reckon wrong | 128 Skater's jump | 147 Qty. |
| 18 It's not every player's forte | 48 White, in a way | 70 Sheba locale | 99 Exploits | 129 Collard | 148 Curtains |
| 19 Musician Claudio | 52 Spur wheel | 72 Fiddle-like? | 100 Mortified | 130 The conscious mind | 152 Improvise vocally |
| 20 Supplies | 53 Husband of Gudrun | 73 90° from NNW | 101 Comb user? | 131 Garden-party decor | 153 "You bet!" |
| 25 One type of D.A. | 54 Quarters, of sorts | 78 Tip of Washington | 102 Fond du ____ | 132 Alpha Scorpii | 155 ____ <i>Quam Videri</i> (North Carolina motto) |
| 28 Ethnic suffix | 55 Secret society | 81 Busted looies | 105 Disney dog | 134 Stunning defeat | 158 Zilch |
| 29 Add punch to the punch | 56 The Omni, e.g. | 83 Lancelot's father | 106 Use syllogisms | 136 Newsman's helpers | 159 Vein contents |
| 30 San'a location | 57 Prolix | 84 Japanese prime minister, 1939-40 | 107 Skate's relative | 138 Atomic clock parts | 160 Miler Sebastian |
| 36 Cold | 59 U-turn site, often | 86 Smelly varmint | 109 Exploits | 139 Eshkol's successor | 161 Smoker attendees |
| 38 Balt | 60 "Whether 'tis ____ in the mind ..." | 89 Art critic John | 110 Make fun of | 140 Iris covering | 162 In the dumps |
| | | | 112 Cannes cans? | | |
| | | | 113 On an angle | | |
| | | | 116 ____ offensive (1968) | | |

Signs of Life ★★

by Emily Cox and Henry Rathvon

American Sign Language, or AMESLAN, is a system of communication using the hands and fingers to express words, letters, and thoughts—often through signals that describe or suggest the things they represent. Each of the 12 illustrations

below, for example, shows the official AMESLAN sign for a particular kind of animal. Arrows indicate movement of the hands. Can you match each sign (A–L) with the corresponding animal name (1–12)?

Answer Drawer, page 60



ANIMALS

- | | | | | | |
|--------------|---------|-------------|-------------|-----------|------------|
| 1. Butterfly | 3. Deer | 5. Elephant | 7. Kangaroo | 9. Owl | 11. Spider |
| 2. Cat | 4. Duck | 6. Giraffe | 8. Monkey | 10. Snake | 12. Turtle |

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Weather: Foggy
Morning Edition

London Record

July 22, 1984

Vol. 71, No. 41

Vol. 71, No. 41

Tempus Fugit

"Mr. X" on the loose in London

Only YOU and Scotland Yard

**Only YOU and
can stop him!**

Only he can stop him!

Early this morning the notorious
Scotland Yard. In-
sured on a bus headed north.

surfaced this afternoon near
Vauxhall Park. Detectives could
only guess his next move, as he
was on a bus headed north.

Scotland Yard

Be "Mr. X" and lead the authorities on a fast-paced chase through London's "underground", around its fabled streets by taxi and bus, and up and down the River Thames!

Be one of "The Yard's" crack detectives, outwit and systematically flush out the crafty "Mr. X"!

It's very early one foggy London morning. The phone rings in Scotland Yard's detective squad room. You answer it, and the maniacal voice of "Mr. X" challenges you and your colleagues to capture him. As you slam down the receiver, you know it will be a daring, brain-twisting challenge — what with "Mr. X" moving about secretly, surfacing only once every 5 moves — but one that only you and Scotland Yard can handle.

(In another part of the city, "Mr. X" plots his course, sprinkling it with risk-taking moves to taunt the detectives. But beware! He could slip away in an instant if The Yard gets lucky and starts to close in.)

Quickly you assemble the 2 to 6 players around the large 19½" by 26" full-color board map of London. You make sure each has enough transportation tickets (125 in all) to travel the streets and subways. The detectives and the dastardly "Mr. X" draw their starting points from the 18 start cards. "Mr. X" carries along his log book for you to keep him "honest".

You light your pipe. You remember that, just as in real life, no matter which side you choose, you'll need all your powers of logic, careful observation, and a bit o' luck to make out. You think to yourself, "he could be in any of 200 places on the map, from Madame Tussaud's to Westminster Abbey, the Marble Arch to The Tower. But we'll get 'im."

To get "Scotland Yard" for yourself, mail the coupon today. This beautifully designed and ingenious game — virtually impossible to obtain in this country — is being specially imported for Games Mail Order. Playing time is approximately one hour. We think you'll love it!

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The Wonderful World of Disney

by Robert Leighton

Who can forget seeing Dumbo spread his ears and fly, Bambi ice-skate, or Donald Duck throw a quacking tantrum?

The late Walt Disney was not only the mind behind these images but also the man behind the megacompany. This summer, Walt Disney Productions releases its 25th feature-length animated movie, *The Black Cauldron*. It's been 46 years since *Snow White*, the first full-length animated film, but today's

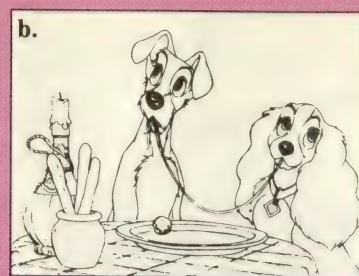
animation is done basically the same way: painstakingly, by hand, one drawing at a time. *The Black Cauldron* took 10 years and 2,500,000 drawings to make; Disney artists went through 15,000 pencils and 300 erasers.

Here and on the next two pages we take an animated look at Disney and his great cast of characters. And be assured: This is no mickey mouse quiz.

Answer Drawer, page 64

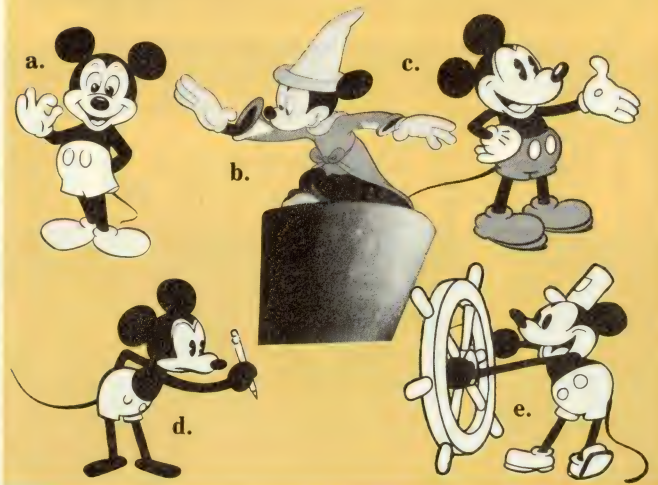


No, it's not *Fantasia II*. We've taken elements from six well-known Disney movies and transported them to the "set" of a seventh. Can you name all seven films represented? (Quiz continues on next page)



(Continued from preceding page)

2 Like the rest of us, Mickey Mouse has been through some changes. Place the five Miceys shown here in chronological order, from the earliest rodentlike character to the lovable anthropomorphic mouse of today.



3 The list of notables who worked with Walt Disney reads like a Who's Who. Among them were four of the five men listed below. Name the odd man out.

- Director Alfred Hitchcock, who was consulted on how to design scarier villains
- Conductor Leopold Stokowski, who scored the music and led the orchestra for *Fantasia*
- Walt Kelly, the *Pogo* cartoonist, who started out as an animator on *Dumbo*
- Salvador Dali, the surrealist artist, who worked on inspirational sketches for a Disney film that was later shelved
- Ventriloquist Edgar Bergen, who interacted with animated co-stars in the movie *Fun and Fancy Free*

4 Though she never posed for Disney artists, what famed screen siren was the model for the voluptuous Jenny Wren (right) in *Who Killed Cock Robin?* And on which other famous figure was Tinker Bell modeled?



5 Eighteen years after his death, Walt Disney is still making a mark in Hollywood. Steven Spielberg, for example, is an avowed fan who has worked elements of Disneyana into some of the films he directed or produced. Can you recall

- The Disney movie General Stilwell (Robert Stack) watched during the supposed air raid in 1941?
- The film the *Gremlins* went to see?
- The appropriately chosen song heard at the end of *Close Encounters of the Third Kind*?

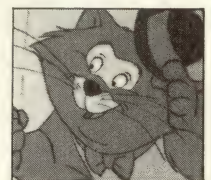
6 Disney often hired big names to provide voices for his creations, and sometimes the personalities of these actors and singers crept into the cartoon portrayals. Pair the following six characters (A-F) with the celebrities (1-6) who spoke—and occasionally sang—for them.



A. The Mad Hatter



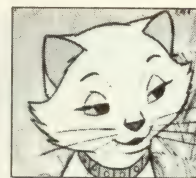
B. Sir Hiss



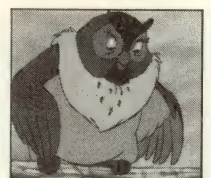
C. Scat Cat



D. Peg



E. Duchess



F. Big Mama



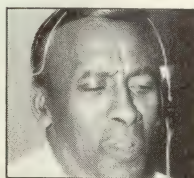
1. Pearl Bailey



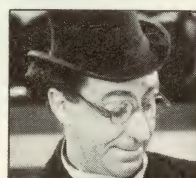
2. Eva Gabor



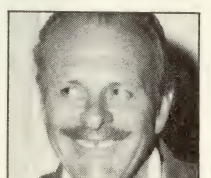
3. Peggy Lee



4. Scatman Crothers



5. Ed Wynn

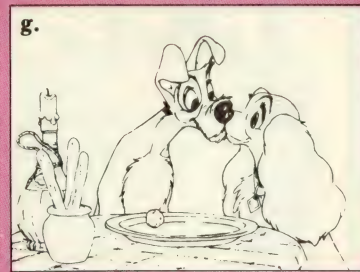


6. Terry-Thomas

7 Now match the films (a-h) with the songs they made famous (1-8).

- | | |
|-------------------------------|---------------------------------|
| a. <i>Song of the South</i> | 1. "When I See an Elephant Fly" |
| b. <i>Pinocchio</i> | 2. "A Very Merry Un-birthday" |
| c. <i>Dumbo</i> | 3. "Bibbidi Bobbidi Boo" |
| d. <i>Cinderella</i> | 4. "Whistle While You Work" |
| e. <i>Alice in Wonderland</i> | 5. "Zip-a-dee Doo-Dah" |
| f. <i>Snow White</i> | 6. "The Bare Necessities" |
| g. <i>The Jungle Book</i> | 7. "Siamese Cat Song" |
| h. <i>Lady and the Tramp</i> | 8. "I've Got No Strings" |

8 Disney has won many more Academy Awards than anyone else—the costume designer Edith Head is a distant second, with eight Oscars. How many awards did Walt win? What was unusual about the special award he received for *Snow White*, and who presented it to him?



9 Mickey Mouse's first two appearances were silent, but in 1928 sound came to the screen. Disney wanted the "gimmick" for Mickey's third feature, *Steamboat Willie*, and auditioned numerous performers for the part. Who got it?

- a. Stepin Fetchit c. Jackie Cooper
- b. Mickey Rooney d. Walt Disney

10 According to *The New York Times*, which of the following wouldn't go to the movies unless a Mickey Mouse short was playing?

- a. Emperor Hirohito of Japan
- b. King George V of England
- c. Songwriter Cole Porter
- d. Franklin D. Roosevelt

11 First answer the following questions. When you're through, the initial letters of the answers will spell the name that Disney originally intended for Mickey.

- a. The movie in which Bert, played by Dick Van Dyke, danced with cartoon penguins
- b. The number of dalmatians (spelled out)
- c. The kind of animal Thumper was
- d. The characters who sang "Who's Afraid of the Big, Bad Wolf?"
- e. The name of the main character in *The Legend of Sleepy Hollow*
- f. The whale who swallowed Gepetto
- g. The character in *Winnie-the-Pooh* whose tail came loose
- h. The movie featuring an all-animal cast in an otherwise familiar Sherwood Forest setting

12 The first movie Walt Disney saw as a boy growing up in Kansas City was a silent version of *Snow White*. In that film, as in the Grimm fairy tale, the dwarfs were nameless. For his own version, Disney wanted a distinctive name to match each dwarf's personality. Which of the following were considered?

- Awful Graveful Berserk
- Preppy Cheezy Snoopy
- Neurtsy Biggo-Ego Dumpy

Can you name all seven dwarfs as they appeared in the final film?

13 An animated sequence, like the famous wooing scene from *Lady and the Tramp* (above), is a series of still drawings designed to express movement when shown at 24 frames a second. The color shot at far left sets the scene, while the seven sketches that follow it have been placed out of order. Can you restore the proper sequence?



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EUROPEAN DAZE

WHAT'S WRONG WITH THIS MAP?

☆☆

BY R. WAYNE SCHMITTBERGER

WE TRIED

to draw a map of Europe from memory, and this was the sorry result. It's supposed to show all of Europe's countries (except Vatican City, which is inside Rome), their capitals (except for smaller countries, whose capitals were left out intentionally because there wasn't room for them), and major islands and bodies of water. In checking it against an atlas, though, we found 58 errors, roughly divided between the subtle and the outrageous.

How many can you find *without* using an atlas? Count one point for each error you spot. A score of 40 or more means you probably spend too much time taking European vacations.

Answer Drawer, page 60

CONTEST



REARRANGE THE BOXES IN ANY 4 x 4 SECTION OF THE GRID TO FORM THE HIGHEST-SCORING SQUARE

Grand Prize

A year's membership in the Fruit of the Month Club
5 Runner-Up Prizes
 A GAMES T-shirt

They say you can't mix apples and oranges, but in this contest you can—along with bananas and pears. The grid at left is filled with a toothsome array of these fruits, marked with the numbers 1 to 4 and colored red, orange, yellow, or green. To enter, select any 4 x 4 section of the grid and rearrange its 16 boxes to form a new 4 x 4 grid. Your goal is to obtain the highest score possible in each new row and column of your chosen 4 x 4 grid, as determined by the rules below. You may alter only the positions, not the contents, of the individual boxes.

SCORING Each row and column in your new grid scores points in the following ways: A row or column scores the sum of the numbers in its four boxes, multiplied by "bonus factors" earned if the row or column contains two or more boxes with matching fruit types or colors. A set of four matching fruits or colors is worth a bonus factor of x4, a set of three is worth x3, and a set of 2 is worth x2. For example, a row having these elements in its boxes:



scores 11 (the sum of its numbers) x2 (for the pair of apples) x3 (for the three reds), for a total of 66 points.

	I	II	III	IV	V	VI	VII	VIII	
A									A
B									B
C									C
D									D
E									E
F									F
G									G
H									H
	I	II	III	IV	V	VI	VII	VIII	

ROW SCORES

○ ○ ○ ○

COLUMN SCORES

○ ○ ○ ○

TOTAL SCORE

○

ENTRY GRID SECTION USED _____

IMPORTANT: Matching numbers (such as the pair of 3s in the example) do *not* earn a bonus. Also, note that three (or four) of a particular fruit or color cannot also be counted as two (or three) of that same shape or color; i.e., in the example, having scored for three reds, you cannot also score for two reds.

WINNING The entry with the highest total score (the sum of the scores of all its rows and columns) wins. Ties, if any, will be broken by random draw.

ENTERING Send your completed 4x4 grid (on the form shown at left, or a facsimile), and indicate the rows and columns the original 8 x 8 grid from which you took it (e.g., write "Sections C-F, III-VI" if you chose the centermost 4 x 4 grid section). You must also show your score for each row and column, and your total score, as well as your name and address. Instead of drawing the fruits or using color, you may indicate fruits and colors by writing their names—green apple, for instance—in each box. If you send your entry in an envelope (rather than on a postcard), write your total score on the back of the envelope and circle it.—R.W.S.

Mail your entry to: Four-By-Four, GAMES Magazine, 515 Madison Ave., New York, NY 10022. Entries must be received by September 3, 1985.

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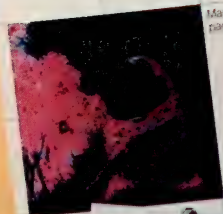
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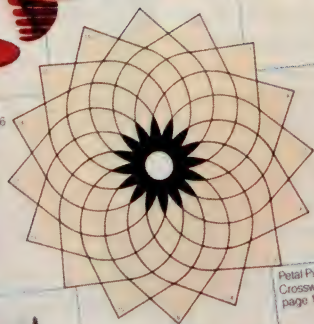
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page 110



Hollywood
Quiz
page 14



Maple
page 96



Shadows
page 82

Petal Pushers
Crossword
page 117



Time Sequence
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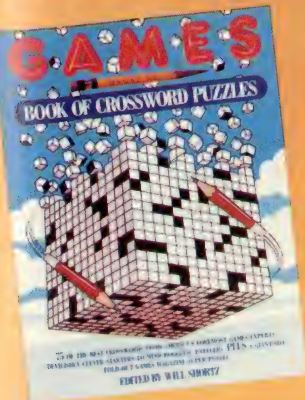
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GAMES & BOOKS

Edited by R. Wayne Schmittberger

Inside Moves (Parker Brothers, around \$13)

This new release is actually a revival of Camelot, a game familiar to players of a generation ago. Camelot was by far the best game invented by George Parker, a founder of the company that bears his name, and was lavishly praised by world chess champion José Capablanca. We think such praise is well justified.

The game is a blend of halma (the forerunner of Chinese checkers) and checkers, and is more involving than either. Each player begins with 10 "plain" pieces and four "power" pieces, the latter distinguished by brass- or silver-colored tops. The pieces are set up on designated starting squares, and each player in turn moves any one of his pieces. Pieces move one square in any direction, but may advance more quickly by making a jump or a series of jumps over other pieces, in the process capturing jumped pieces that belong to the opponent. A player wins either by advancing two of his pieces into a "goal" on the opponent's side of the board, or by reducing the opponent to a single piece.

Whereas plain pieces may jump either friendly or opposing pieces, they may not do both in a single turn. Power pieces, however, may make "power plays," which consist of one or more jumps over friendly pieces followed by one or more capturing jumps over opposing pieces. As in checkers, a player must make a capture (though not a power play) whenever he can. (Unfortunately, this crucial rule is never explicitly stated, but must be inferred from comments in the sample game included in the rulebook.)

The game's simple rules lead to extraordinarily rich tactical possibilities, especially those involving the deliberate sacrifice of one or more pieces. Sacrifices can be used either to weaken the opponent's central position in order to prepare a direct breakthrough, or to hasten an advance around a flank. Players must constantly maintain a delicate balance between attack and defense while attempting to advance toward their goals as quickly as safety allows.

The first time you play Inside Moves, don't be surprised if you lose in five minutes. As you learn to be cautious, games will begin to take half an hour or more. But beware: Playing this game can be highly addictive.

—R. W. S.



Chipwits by Doug Sharp and Mike Johnston (Epyx, on disk for Commodore 64; around \$30)

The object of this ingenious piece of software is not to play a game but to program a robot (a "chipwit") to play any of eight games as well as possible.

Each game (chosen by name from a menu) consists of a number of rooms containing "good" objects to be picked up for points or energy, "bad" objects to be destroyed or avoided, walls and other obstructions, and doorways to other rooms. The games are assigned different numbers of "cycles," from 6,000 for the easiest game to 20,000 for the most difficult. Everything the chipwit does uses up a given number

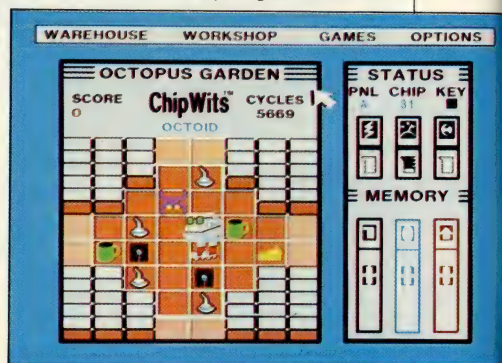
of those cycles, from one to seven. The more efficiently it performs—that is, the fewer cycles it uses to find, pick up, avoid, or destroy objects, and then go on to the next room—the longer the game will last and the more points the chipwit will be able to accumulate. Since no game can ever be actually completed—rooms are repeatedly restocked—the object is to watch your chipwit carry out your instructions on the game screen and then go back to the "workshop" screen to try to make its program more efficient.

Tinkering with the program is an engrossing exercise in logical problem-solving. A chipwit can smell, look, feel, move forward or backward, turn, pick up or zap objects in its path, sing little ditties, and even remember what it has seen and where it has moved. A system of icons—pictorial symbols representing various actions, objects, and directions—are displayed on the workshop screen and are used to program a chipwit. After deciding which game you want to design the chipwit for, you choose the appropriate icons one at a time and connect them logically on a series of panels, each containing 40 spaces. You can use one panel or all 10, depending on the complexity of your program.

Chipwits uses a system of "pull-down" menus, which are accessed by pointing with the joystick. The "warehouse" menu lists 16 chipwits, some of which have already been programmed for you to study and, if you wish, to modify. Your own chipwit programs can be saved on the same disk. The "options" menu allows you to watch a program being executed step by step in the workshop while the chipwit is performing on the game course, thus making it possible to locate the unintentional loops and other bugs in your program.

Chipwits is offered by its publisher as educational software, intended to teach the logic of computer programming. But don't let that stop you from enjoying it as much as any game you've ever played.

—B.H.



Stage II (Milton Bradley, around \$16)

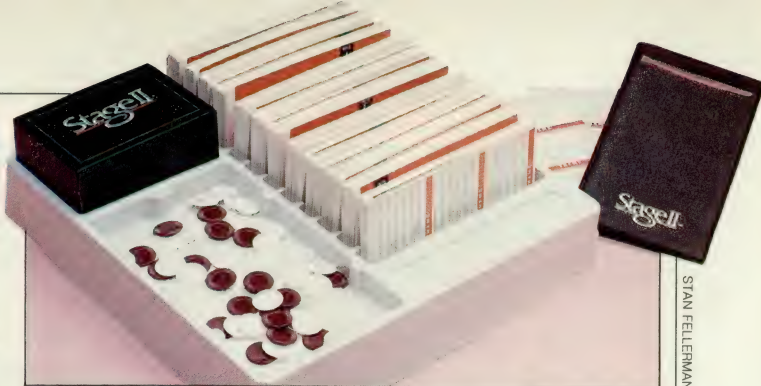
Stage II provides the first innovative variation on the over-worked genre of trivia games. Keeping pace with the quality of Trivial Pursuit's Genus editions in both spirit and breadth, Stage II's creators have maintained the simplicity of rules while altering the usual round-the-board play and adding a delightful second stage to the game.

First of all, there's no board; second, the players (two or more) compete simultaneously to answer the same questions; third—and most significant—while answering the six questions in a round, players are also trying to guess the theme that unites those six answers.

For instance, can you answer these four questions (from a set of six) and identify their theme? (*Answer Drawer*, page 50)

1. In what film did Burt Reynolds direct his own performance as a dying man?
2. What form of literature was Jean Paul Sartre's *The Flies*?
3. Donald Rumsfeld served as secretary of what cabinet department under Gerald Ford?
4. What is the name of the soft, curly layer of feathers beneath a duck's other layer of oiled feathers?

A complete game is 21 six-question rounds (more than 6,000 trivia questions, or 48 games, are included). Players begin with 25 chips apiece, and compete for the greatest pile of chips at game's end. Each round begins with a six-chip pot—a one-chip ante from each player (excluding the round's "moderator") and the remainder from the bank.



STAN FELLEMAN

Most rounds are composed of questions from various general-interest categories—history, geography, arts, entertainment, sports, science—though a few sets are from a single category. The moderator reads a question, and the first player to call out the correct answer wins a chip from the pot (there's no penalty for an incorrect guess). Theme guesses may be called out at any point, and the earlier the better, since a correct guess wins the entire pot. An incorrect theme guess incurs a one-chip penalty. After a theme is guessed, remaining correct answers are paid from the bank.

A few rules need minor adjustments. Beginning with a pot of six chips leaves no reward for a player who guesses the theme after all six questions have been answered, so a seven-chip pot is more practical. Also, to discourage wild guesses, we prefer limiting players to one try for each question.

Still, most of the game's mechanics are nicely thought out. For instance, each round's moderator is the person who correctly guessed the theme last time, discouraging a runaway victor.

Trivia enthusiasts shouldn't miss this fine new game. —L.P.

Make Millions by Tom Snyder Productions (Scarborough Systems, on disk for Macintosh; around \$50)

The often-repeated dictum that "the software sells the hardware" has led electronic publishers on a ceaseless quest for a program so riveting that folks would buy a computer just to be able to use it. Make Millions, a revolutionary financial simulation, is one of those programs, a stunning example of what the Macintosh can do.

The object is to assume control of an uncle's financial empire on Wiki-Wiki Island. The uncle has placed a vital message in the office safe, but five keys are needed to open it. The only way to get a key is to acquire a majority interest in one of Wiki-Wiki's five interrelated businesses. When the player controls all five companies, he can open the safe and solve the mystery.

The primary display is a business office viewed from behind the desk. A calendar and clock report the time and day, a weekly financial paper gives the important business news, a bulletin board saves phone messages, and the desk holds

a telephone and a Macintosh computer. The player activates an office feature by positioning the on-screen cursor and clicking with the mouse (the Mac's controller). For instance, the on-screen Mac maintains a record of the company's current holdings, a telephone list, and a functioning spreadsheet.

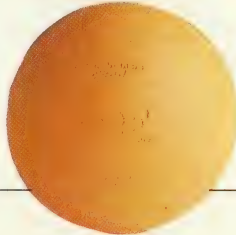
The would-be entrepreneur starts with \$250,000 and must generate additional capital to progress. At first, this means trading securities on the Wiki-Wiki stock exchange. Brokerage houses phone in tips each week, and a canny president quickly learns which ones to heed. The player later invests stock market profits in any or all of the five companies. Owning 30 per cent of an outfit's stock entitles the player to enter its factory and directly oversee operations.

Economist Arthur Lewbel, who wrote Make Millions with Tom Snyder and G. Richard Fryling, has created a surprisingly accurate financial model. Its streamlined version of reality conveys the pressure and challenge of running a growth-oriented business while it enthralls the player.

Make Millions isn't just the best entertainment program yet published for the Macintosh computer, it may be simply the best home computer game introduced so far this year.

—Arnie Katz and Bill Kunkel

Nerf Volleyball (Parker Brothers, around \$9) is smaller and softer than a regulation volleyball, but it has a similar weight. This makes it an especially good ball for young players to use to learn basic skills.



ETCETERA

Maura Jacobson's New York/Cue Magazine Crossword Puzzles (Dodd, Mead, 1985; 64 pages spiralbound, \$5.95) features 50 witty, punny, and innovative crosswords by one of America's most popular constructors. And good news: This book's the first in a series.



Hidden Pictures Jigsaw Puzzle by Larry Evans (Great American Puzzle Factory, \$7) is a 550-piece jigsaw that, once assembled, becomes a new and exceptionally well done visual puzzle in which the task is to find 50 hidden images. Most of these are animals, ranging from a lobster to a giraffe, but there are various other images—such as a baby, a ballet dancer, a suit of armor and even a hidden jigsaw puzzle piece.

ON THE ROAD

CAN YOU IDENTIFY THESE VEHICLES?

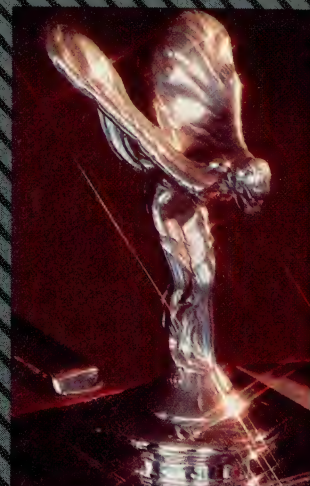
Answer, page 60



1



2



3



4



5



6



7



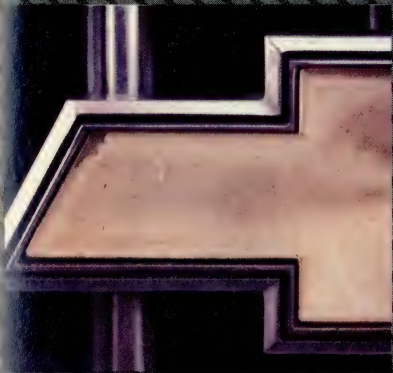
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16



17

With House Rules, Anything Goes

Last August, we presented some ways of changing the rules of several popular games in order to vary (or, in some cases, improve) the play, then invited readers to send in their own "house rules." Here are our favorites. GAMES T-shirts go to the readers who submitted them.—R. W. S.

Trivial Pursuit

(Selchow & Righter)



Problem: Even though you have all six wedges and have landed on the center board space, you may still be a long way from winning. That's because your opponents can pick your weakest category for your final question, and if you miss it, it may take many dice rolls to hit the center again.

Solution: The player in the center chooses his own category, but to win must correctly answer three questions in a row. —Aina Fiorini, Commack, NY

Problem: Some questions are too obscure, which is unfair to the players who draw them.

Solution: If a question is answered incorrectly, the other players try to answer it. If no one gets it right, it's considered "off-the-wall," and the player who drew it is asked a different question (without losing his turn).

—Tricia Crouch, O'Fallon, MO

Scrabble Brand Crossword Game

(Selchow & Righter)



Variation: Before the game, players agree on a bonus category, such as animals or sports terms. Whenever a player forms a word in that category, he gets a 25-point bonus.

—Ellen Aftamonow, Milford, CT

Variation: Normal rules apply, except that it is legal to play any anagram of an acceptable word. Thus, since TEAMING is a valid word, so is GAMETIN or even AEIGMNT; and a C or S can be added to either end of any of these words, since the result would be an anagram of MAGNETIC or STEAMING. Besides emphasizing the ability to anagram long words, this variation also allows amusing short words like XA, IH, YM and IQZU.

—Michael S. Wolfberg, Concord, MA

Parcheesi

(Selchow & Righter)



Variation: Ordinarily, we don't condone cheating at any game. But when the object of a game is to cheat more cleverly than the opponents—and all the players know it—cheating can become an interesting and legitimate variation of normal rules.

"Par-Cheat-Si" is played with the same rules as Parcheesi, except that players are allowed to cheat, such as by trying to move pieces extra spaces, or to move more than one piece at a time, or to palm a piece and later place it on a new space without anyone noticing, or even to surreptitiously take opposing pieces off the board. A piece that has reached Home is safe from cheating; otherwise, anything goes.

Cheating cleverly means getting away with it, and it's up to each player to catch an opponent in the act, if he can. A player may challenge an opponent suspected of cheating, but to do so successfully must (1) immediately announce that he saw the opponent cheat, and (2) specifically identify the form of cheating (e.g., "While taking your turn with your right hand, you slid another piece up the ladder with your left hand"). A player caught cheating with one or more of his own game pieces must return the piece(s) to his base. A player caught cheating with an opponent's game pieces must return them to the spaces they occupied before the cheating took place. A player who falsely accuses an opponent of cheating, however, must move his own game piece that is closest to home back 20 spaces. (A good strategy, therefore, is to act suspiciously and pretend to cheat, such as by "accidentally" knocking pieces off the board and replacing them *correctly*, in order to get an opponent to make a false accusation.) If a player discovers that one of his pieces is missing, the opponent who took it must give it back, but the piece is started again from its base.

Par-Cheat-Si is even more fun if the board is on the floor and the players are barefoot, making it easier to cheat by moving pieces with the feet as well as the hands (!).

—Jeanne Coleman, Morgan Hill, CA

Risk

(Parker Brothers)



Variation: "Nuclear Risk" adds some random excitement to the normal game in one of two ways. The first is the "Nuclear Accident" rule: Whenever triple 4s, 5s, or 6s are rolled on the attacking dice, a nuclear accident has occurred somewhere in the world. A card is drawn randomly from the Risk deck, and the country shown on the card has been "nuked." All armies in that country are eliminated, and a coin is placed there to indicate a nuclear wasteland. From then on the nuked country does not affect control of continents; and half the armies moved into such a country are lost due to fall-out.

A more strategy-oriented alternative is to use the "Tactical Nuclear rule," in which a player may turn in a single Risk card (instead of taking his normal turn) and thereby "nuke" the country shown on that card, with the same effects as noted above. A player exercising this option does not take a Risk card that turn. (He will then have fallen two Risk cards behind, so this option should be used sparingly.) The Tactical Nuclear rule makes it dangerous for a player to place too many armies on a single country (unless that country's Risk card has been played or is in his own hand), and also makes it more likely for a player to come from behind to win if he's lucky enough to draw the right card at the right time.

—Ross A. Kohler, Wescosville, PA

Chess



Variation: For a faster game offering new kinds of tactics and strategy, change the object to "Survival of the Species," as follows. The concept of checkmate is abolished; to win, a player must capture all opposing pieces of any one type. That is, a player wins by capturing either the opposing king or queen, or by capturing both knights, both rooks, or both bishops, or all eight pawns. Pawns may promote to any piece, even a king, and immediately count as their new piece type. Thus, if a player has two queens, the opponent cannot win by capturing only one of them.

—Paddy Smith, East Windsor, NJ

☆☆ WILD CARDS ☆☆

Edited by Stephanie Spadaccini

LIST DEPT.

From Finish to Start

We've thought of 18 people whose first name ends and last name begins with a single letter of the alphabet. For example, we've got Ursula Address for A. Can you do the same for 17 other letters?

—Doug and Janis Heller
Answer Drawer, page 62

LOGIC

Patients, Please

Five of Nurse Buxton's patients, all women, were waiting in the corridor outside room 407.

"We're tired of the impersonal service we've been getting," one of the women said. "To you we're just so many temperatures to be taken or pills to be given. We don't think you can tell us apart well enough to know which two of us belong in room 407."

Nurse Buxton knew they were right—the women were about the same age, height, and general build—but her quick mind had already found a way to save face.

"I'd like to ask you all one question, and I want the two of you who share this room to answer the question truthfully and the others to lie. Agreed?"

"Yes. What's the question?"

"Is this your room?"

"Yes," said the first, "and I share it with number five."

"She's lying," said the second. "I share it with number four."

"Not true," said number three.

"I share it with number one."

"Wrong," said number four. "The room is mine."

The fifth patient shook her head. "That can't be true, since I share it with number three."

Now Nurse Buxton knew which patients shared room 407. Do you?

—J. F. Peirce
Answer Drawer, page 62



TRIVIA

Heads Up Football

OK, football fans, it's time to test your powers of observation. Among NFL teams, can you name . . .

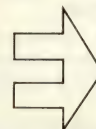
1. the team that has a football on its helmet?
2. the team that has an emblem on only one side of its helmet?
3. the two teams that have horns on their helmets?
4. the two teams that have feathers on their helmets?
5. the two teams that have helmets on their helmets?
6. the two teams that have hats on their helmets?
7. the team whose symbol on the helmet represents the team's city rather than the name of the team?
8. the team that has nothing at all on its helmet?

—Edward Michael Sniadecki
Answer Drawer, page 62

LOOK

Observation Test

The notched arrow below can be found on a sign that most of us see every day. What does the sign say?



—H. H.

Answer Drawer, page 62

WORDPLAY

Secondary Characteristics

Each clue below should be answered with a word that will fill in the blanks, and at the same time complete a second word that starts with the letter given. Both words must answer the clue. For example, given B _ _ _ _ , the clue "impetuous" should make you think of RASH and BRASH, and C _ _ _ _ , defined as "stuff," should suggest RAM and CRAM.

1. Get up A _ _ _ _ _
2. Choose S _ _ _ _ _
3. Bird F _ _ _ _
4. Animal F _ _ _
5. Edge B _ _ _ _
6. Solo A _ _ _ _
7. Passion F _ _ _ _
8. Observe E _ _ _ _
9. It stings W _ _ _ _
10. Lacking refinement C _ _ _ _
11. Musical instrument F _ _ _ _
12. Fail to keep up F _ _ _ _
13. Fishing equipment C _ _ _ _
14. Pointed protrusion T _ _ _ _

—Robert Gray

Answer Drawer, page 62

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ELIZABETH FERRET-FROWNING

Vacation From Crime

The soft sand was warm beneath her feet as Elizabeth Ferret-Frowning spread her beach towel in a secluded spot. She watched a pair of gulls waddle along the Pacific shoreline and listened to the breaking of the waves until the warm sun made her drowsy. She stretched out on the towel and had just dozed off when a shadow fell across her face.

Opening her eyes, she saw a stocky middle-aged man in a business suit.

"Beg your pardon, Miss," he said, "but aren't you the famous detective?"

"I'm Elizabeth Ferret-Frowning."

"My daughter's in trouble. You have to help us."

"I'm sorry," Lizzie said. "I'm not on duty this week, it's my vacation."

"But I have no one else to turn to. Dee's in jail and crying her heart out."

"Talk to the sheriff," suggested Lizzie.

"That's who locked her up! A sweet, 16-year-old girl."

Lizzie sighed and stood up. With one last, longing look at the beach, she followed the man, who said his name was Jonathan Marsh, to the town jail.

"The bank was robbed at nine this morning," Sheriff White said, "by a person wearing a ski mask and a blue coat. The robber demanded cash and was given a small safe deposit box filled with \$50 bills. He or she escaped on foot and left no clues. However, this afternoon I was scanning the beach with my binoculars when I saw Dee Marsh down at the shoreline frantically covering something with sand. When I approached her, she ran away. I dug around in the sand, found the empty safe deposit box and put out an all-

points for Dee. We arrested her 10 minutes later."

"I explained everything but they don't believe me," Dee Marsh said, looking dolefully at Lizzie through the bars of the cell. "I was surfing all morning. I surf every day."

"Every morning?" asked Lizzie.

"Well no," she said, "but every day I grab high tide; the waves are better, you know? Today it was early and I went just after breakfast. I had just taken out my board and was lying down, waiting for the first wave, when I saw this man in a coat running along the shoreline. He stopped by the big rock, looked around and then sort of buried something right in front of it in the sand."

"Are you sure it was a man? Could it have been a woman?"

"I thought it was a man but I wasn't wearing my contact lenses and I didn't pay too much attention. I didn't know then that there had been a robbery. I didn't find that out until I went home for lunch. Daddy was watching the news, and when they told about the bank robbery, I remembered the man in the coat. I had this hunch, so I went back to the edge of the water by the big rock and started digging in front of it. I had just found the box when Sheriff White ran up to me. Boy, was I scared. That's why I ran."

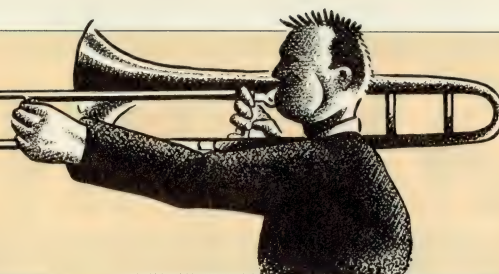
A few minutes later, Lizzie walked out the door of the jail, glad she'd finished the matter while there was still plenty of time left to enjoy the sun.

"I'm sorry, Mr. Marsh," she said. "Dee wasn't digging up the box when Sheriff White found her. She was burying it."

How did Lizzie know?

—Peg Kehret

Answer Drawer, page 62



TRIVIA

Car Stars

From the day Mack Sennett first

WORDPLAY

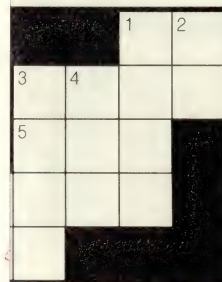
Mate Swapping

Traditional letter-change puzzles

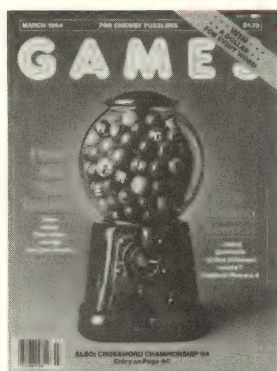
NUMBER PLAY

Acreage

Farmers Furro, Fodder, Umber, and Urth together own 100 acres of grazing land and 80 acres of fields. They use all of their land to its capacity of 25 acres, and their potato fields probably produce an annual crop of three tons per acre in addition to his farmland, Umber owns a plot of residential; all four such plots are the same size. Their land—both commercial and residential—is divided into whole-acre plots. Fill in each square of the grid with the numbers that you deduce from the following



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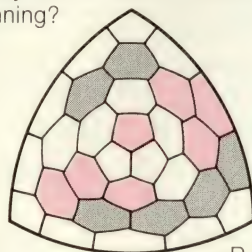
6. Woody Allen and Diane Keaton escaped from government agents in this 100-year-old car in the futuristic fantasy *Sleeper*.
7. Tom Selleck squeezes his 6'4" frame into this red sportscar every week on *Magnum, P.I.*
8. This car was the reincarnation of Jerry Van Dyke's mother on TV's *My Mother the Car*.
9. Steve McQueen drove this car in the classic San Francisco chase scene in *Bullitt*.
10. Stephen King's *Christine* was played by this aptly named car.

—S. A. S.

Answer Drawer, page 62

two players use pencils of different colors. Each player in turn colors in one spot on the board. The object is to connect all three sides of the board with a single path of one's own color. Each of the three corner spaces is considered to be connected to both of the sides it touches.

In this game-in-progress, it's Gray's turn. Which space should Gray color in to be sure of winning?



—R. W. S.

Answer Drawer, page 62

our farmers' total residential acreage

3. Ten years' potato production for Umber (in tons)
5. The number of cattle owned by Fodder
6. Fodder's grazing land acreage followed by Umber's potato field acreage
7. Less than the number of cattle owned by Umber

DOWN

1. The number of cattle owned by Urth
2. Less than the number of cattle owned by Umber
3. The number of cattle owned by Furro
4. Urth's potato field acreage followed by Fodder's potato field acreage
6. Furro's potato field acreage

—Virginia C. McCarthy

Answer Drawer, page 62

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LIZZIE.

"That's who locked her up! A sweet, 16-year-old girl."

Lizzie sighed and stood up. With one last, longing look at the beach, she followed the man, who said his name was Jonathan Marsh, to the town jail.

"The bank was robbed at nine this morning," Sheriff White said, "by a person wearing a ski mask and a blue coat. The robber demanded cash and was given a small safe deposit box filled with \$50 bills. He or she escaped on foot and left no clues. However, this afternoon I was scanning the beach with my binoculars when I saw Dee Marsh down at the shoreline frantically covering something with sand. When I approached her, she ran away. I dug around in the sand, found the empty safe deposit box and put out an all-

a robbery. I didn't find that out until I went home for lunch. Daddy was watching the news, and when they told about the bank robbery, I remembered the man in the coat. I had this hunch, so I went back to the edge of the water by the big rock and started digging in front of it. I had just found the box when Sheriff White ran up to me. Boy, was I scared. That's why I ran."

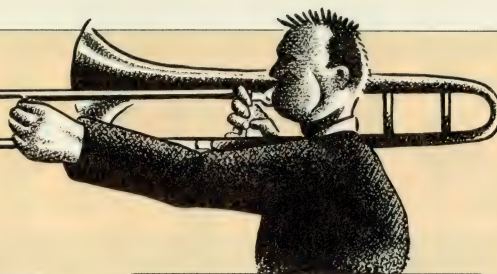
A few minutes later, Lizzie walked out the door of the jail, glad she'd finished the matter while there was still plenty of time left to enjoy the sun.

"I'm sorry, Mr. Marsh," she said. "Dee wasn't digging up the box when Sheriff White found her. She was burying it."

How did Lizzie know?

—Peg Kehret

Answer Drawer, page 62



TRIVIA

Car Stars

From the day Mack Sennett first stuffed a dozen or so Keystone Kops into a 1903 runabout, cars have been a staple of American entertainment. Name the makes and/or models of the cars that were starred or featured in the following films and TV shows.

1. Suzanne Somers drove this car while eluding Richard Dreyfuss and friends in *American Graffiti*.
2. Starsky and Hutch raced this car through crime-ridden city streets.
3. The Dukes of Hazzard raced a souped-up version of this car, which they call the "General Lee," through crime-ridden country roads.
4. In the 1960s, Todd and Buzz saw the U.S.A. in this sporty job on TV's *Route 66*.
5. This car was accidentally sunk by Tom Cruise's girlfriend in *Risky Business*.
6. Woody Allen and Diane Keaton escaped from government agents in this 100-year-old car in the futuristic fantasy *Sleeper*.
7. Tom Selleck squeezes his 6'4" frame into this red sportscar every week on *Magnum, P.I.*
8. This car was the reincarnation of Jerry Van Dyke's mother on TV's *My Mother the Car*.
9. Steve McQueen drove this car in the classic San Francisco chase scene in *Bullitt*.
10. Stephen King's *Christine* was played by this aptly named car.

—S. A. S.

Answer Drawer, page 62

WORDPLAY

Mate Swapping

Traditional letter-change puzzles involve transforming one word into another by single-letter changes that form common, uncapitalized words.

The object in this variation is to make the transition from a first name to a last name, changing *pairs of side-by-side letters* at each step. Here's an example in five steps: JANET, jaunt, count, cough, laugh, LEIGH.

See if you can match or beat the experts' scores which follow each pair of names below.

1. HENRY to FONDA (6 steps)
2. HOWARD to COSELL (6 steps)
3. HARVEY to KORMAN (7 steps)
4. IRVING to BERLIN (9 steps)
5. SHELLEY to WINTERS (12 steps)

—M. R.

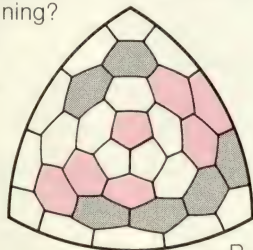
Answer Drawer, page 62

LOOK

The Game of Y

In Craige Schensted's game of Y, two players use pencils of different colors. Each player in turn colors in one spot on the board. The object is to connect all three sides of the board with a single path of one's own color. Each of the three corner spaces is considered to be connected to both of the sides it touches.

In this game-in-progress, it's Gray's turn. Which space should Gray color in to be sure of winning?



—R. W. S.

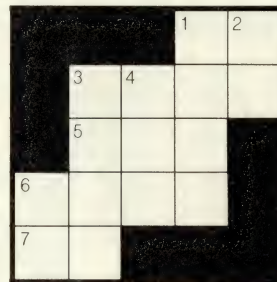
Answer Drawer, page 62

NUMBER PLAY

Acreage

Farmers Furro, Fodder, Umber, and Urth together own 100 acres of grazing land and 80 acres of potato fields. They use all of their grazing land to its capacity of 25 cattle per acre, and their potato fields reliably produce an annual bumper crop of three tons per acre. In addition to his farmland, each farmer owns a plot of residential land; all four such plots are the same size. Their land—both farm and residential—is divided only into whole-acre plots.

Fill in each square of the grid below with the numbers that you can deduce from the following clues.



ACROSS

1. The four farmers' total residential acreage
3. Ten years' potato production for Umber (in tons)
5. The number of cattle owned by Fodder
6. Fodder's grazing land acreage followed by Umber's potato field acreage
7. Less than the number of cattle owned by Umber

DOWN

1. The number of cattle owned by Urth
2. Less than the number of cattle owned by Umber
3. The number of cattle owned by Furro
4. Urth's potato field acreage followed by Fodder's potato field acreage
6. Furro's potato field acreage

—Virginia C. McCarthy

Answer Drawer, page 62

ANSWER DRAWER

5 Letters

Reading Between the Words

The answer to Bicsak's puzzle is GOAT, neatly hidden in the phrase "RinGling BrOthers AttracTion." The other answers are:

1. ABCDE/ Alphabetical order (Lori Brown, St. Louis, MO)
2. DRUM/ Band instrument (Mark Simmer, West Bloomfield, MI)
3. TRAIN/ Victoria Station (Scott Evans, Richmond, VA)

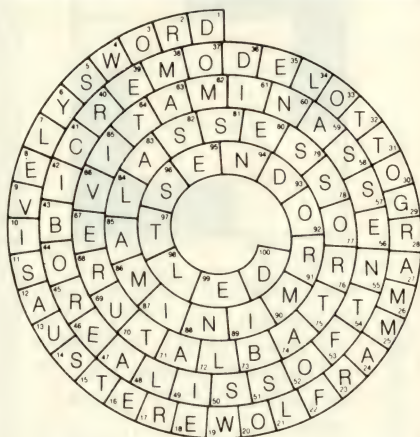
22 Band of Thieves

The men and their complete collections are as follows:

- Aart: Cigar brand name repeated three times (2, 3, 6, 12)
 Berthold: Two people (5, 7, 8, 13)
 Constantijn: Words containing two sets of double vowels (9, 20, 22, 24)
 Dirck: Initials (10, 16, 17, 23)
 Egbertus: Crowns (4, 14, 15, 19)
 Frederik: Numbers (1, 11, 18, 21)

Since cigar band #1 ("The Evidence") was Frederik's, he was the culprit.

25 The Spiral



34 Dszquphsbnt!

1. CRYPTOON. "You can't hide from me, Mr. Wilson, so come out and take your antibiotic shot like a man."
2. WELL-PRESERVED. The three ages of man: youth, middle age, and "You're looking wonderful!"—Francis Cardinal Spellman.
3. NO CHOICE. Children who once were fed sulfur and molasses might have preferred the ailment to the prevention.
4. ALL IN THE FAMILY. Cheetahs, lynxes, tigers, and jaguars share one joyful trait with ordinary house cats—they purr.
5. BLOWHARDS. Bagpipes, commonly associated with Scottish music, probably had ancient Egyptian ancestors.
6. SOARING SKILL. Smart glider pilot can spend hours aloft circling atop strong thermal updraft.
7. LANDSCAPER'S BARGAIN. Xylosma, thick hardy shrub with shiny foliage, can fix up drab backyard for minimal cost.

6 Gamebits

If the Shoe Fits

1. (a) Soccer
2. (d) Parachuting
3. (e) Curling
4. (b) Track
5. (h) Football
6. (g) Weightlifting
7. (e) Cycling
8. (c) Boxing

20 Botany Bay

Over the water, left to right:

- Leeks (in the boat)
- Goldenrod (the fishing pole)
- Endive (N on diver)
- Phlox (flocks of birds)

At the water's edge, approximately left to right:

- Scotch broom (Scottish man with broom)
- Foxglove
- Aspen (ass in pen)
- Nightshade (knight wearing lamp shade)
- Jack-in-the-pulpit (playing-card jack)
- Bleeding heart (on jack)
- Four-o'clock (time on clock)
- Bluebell (on clock)
- Thyme (time)

On the beach, approximately left to right:

- Cattails
- Snapdragon (dragon snapping fingers)
- Tulips (two lips on dragon's shirt)
- Buttercup (butter in loving cup)
- Hemlocks (locks on girl's hem)
- Toadstool (towed stool)
- Prickly pear (pair of porcupines)
- Cowslip (cow wearing slip)
- Sage (guru)
- Lotus (guru's position)
- Bluebonnet (flying off woman)
- Mum (woman with baby)
- Baby's breath
- Lady's slipper (on woman)
- Catnip (lion's drink)
- Dandelion (dandy lion)
- Wandering Jew

Extra credit: Elder (the sage or the "Wandering Jew"); fir (fur on cattails and the lion); beech (the beach); and currant (the water's current). Don't ask us about the fish; we guess it's a red herring.

Puzzle by Sarah Scrymser, Emily Cox, and Henry Rathvon.

10 Logic

Postal Woes

Cary Saxwell encountered gloom on Monday, snow on Tuesday, heat on Wednesday, and rain on Thursday.

Four Casters

1. Gale Snowdon—Thunderstorms
2. Clare Hale—Hot and sunny
3. Wendy Rains—Warm and hazy
4. Sonny Bright—Cool and cloudy

A Breezy Exchange

The Westerleys at 0 Gala Way lost a garbage can and found a blanket.

The Duvitals at 10 Gala Way lost a blanket and found a doghouse.

The Updrafts at 20 Gala Way lost a screen door and found a bag of fertilizer.

The Eddys at 1 Gala Way lost a bag of fertilizer and found a screen door.

The Easterleys at 11 Gala Way lost a doghouse and found a welcome mat.

The Blustreys at 21 Gala Way lost a welcome mat and found a garbage can.

14 Making of a Dictionary

Triviae Dictionariae

1. (b)
2. (c)
3. (c), a lung disease affecting miners. "Honorificabilitudinitatibus" is the longest word in Shakespeare (found in Webster's Second Unabridged). "Antidisestablishmentarianism" is just a long word, long obsolete.
4. (a)
5. (a), the length of 30 good-sized novels
6. (a)
7. (c); the result was *Thesaurus Linguae Romanae et Britannicae* (1565), a historically significant lexicon.

Born Yesterday

The fake etymology is for "copacetic," whose origin is unknown.

4 Your Move

Dutch Treat

1. (c); 2. (a); 3. (b); 4. (a); 5. (b); 6. (c)

Statesmanship

1. No state begins with B, J, E, Q, X, Y, or Z.
2. New Jersey, Maryland, Tennessee, Mississippi, Alabama, Arkansas, Kansas, Alaska
3. Louisiana would be 18th on both lists.

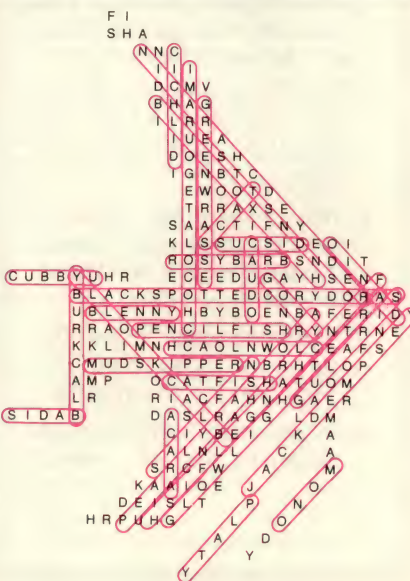
Look, Ma, One Hand

The time would be 5:36.

Half and Half

The grocer had 31 watermelons. To solve, work backward from zero (what the grocer had after the fifth customer), and reverse each sale by adding half a melon and doubling the total. Thus, $0 + \frac{1}{2} \times 2 = 1$ (the amount of melons before the fifth sale); $1 + \frac{1}{2} \times 2 = 3$ (fourth); $3 + \frac{1}{2} \times 2 = 7$ (third); $7 + \frac{1}{2} \times 2 = 15$ (second); $15 + \frac{1}{2} \times 2 = 31$ (the amount the grocer had to begin with).

28 Age of Aquarium



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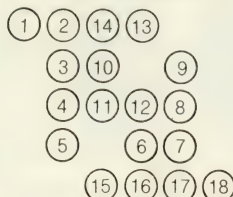
30 Hiroimono

Our solutions:

1. "H" Cross (Brian)



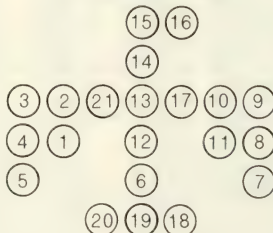
2. Gemini (Brian)



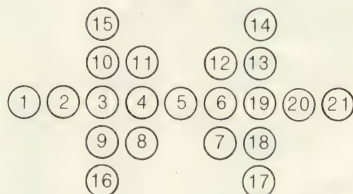
3. Hockey Mask (Wauer)



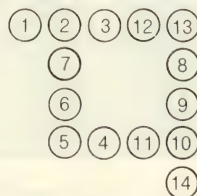
4. Phoenix (Wauer)



5. Barbell (Wauer)



6. Hang-glider (traditional)



40 Signs of Life

- A - 2 (cat)
- B - 11 (spider)
- C - 9 (owl)
- D - 12 (turtle)
- E - 5 (elephant)
- F - 10 (snake)
- G - 6 (giraffe)
- H - 8 (monkey)
- I - 3 (deer)
- J - 7 (kangaroo)
- K - 4 (duck)
- L - 1 (butterfly)

Based on *The Perigee Visual Dictionary of Signing* by Rod Butterworth.

37 Word Division

0	1	2	3	4	5	6	7	8	9
W	A	L	T	D	I	S	N	E	Y

37 Advice Columns

By arranging the columns in the order 4, 8, 7, 3, 1, 6, 2, and 5, this message is revealed: Frustration is the difference between what you are and what you think you are.

Reprinted with permission from "Golden Years."

46 European Daze

For each section of the map, errors are listed according to approximate location, from left to right.

Top third

1. Iceland (both the island and its name) is upside down.
2. The island of Vineland doesn't exist.
3. Greenland should be west of Iceland.
4. The Arctic Circle is shown with a "hitch" in it.
5. "Arctic Ocean" is misspelled.
6. The island group Spitsbergen is mislabeled "Lapland," a name actually used for part of Scandinavia.
7. Oslo is on the southern coast of Norway, not way up north.
8. Finland should not border the Barents Sea; instead, Norway should border the Soviet Union.
9. The islands of Novaya Zemlya are mislabeled "Gulag Archipelago."
10. "Terra Incognita," the label for unknown or unexplored areas, does not belong on the U.S.S.R. mainland.

Middle third

11. Northern Ireland, which is part of the United Kingdom, is incorporated into Ireland.
12. The English Channel is mislabeled "French Channel."
- 13.-14. The names of the North Sea and the Norwegian Sea have been transposed.
- 15.-16. The names of the Netherlands and Belgium have been transposed.
17. Luxembourg is mislabeled "Liechtenstein."
18. The real Liechtenstein is omitted (it's between Austria and Switzerland).
19. "Bonn" is misspelled.
20. Denmark is missing, and has been incorporated into Germany.
- 21.-22. The names of East and West Germany have been transposed.
23. Berlin is inside East Germany, not on its border.
24. The Baltic Sea is mislabeled "Bay of Finland."
25. Lithuania is mislabeled "Prussia," and is no longer an independent country but part of the U.S.S.R.
26. Latvia is no longer an independent country.
27. Moscow belongs east and south of the position shown, which is actually the location of Leningrad.

36 Double Cross

- | | |
|-----------------|-----------------|
| A. JURISPRUDENT | L. NEAPOLITAN |
| B. OLD SCHOOL | M. OUTPLAYED |
| C. HONORARIUM | N. ANGLOPHILE |
| D. NASHVILLE | O. HIAWATHA |
| E. SILO | P. WAYLAID |
| F. MOUSETRAP | Q. ENCUMBRANCE |
| G. ORDINARY | R. BEAUTY |
| H. RAID | S. SHILOH |
| I. GERIATRIC | T. TOURNEY |
| J. AMPHIGORY | U. ENDIVE SALAD |
| K. NEW BEDFORD | V. REEDY |

Dr. Benjamin Rush . . . met Noah Webster upon his arrival and said: "How do you do, my dear friend. I congratulate you on your arrival in Philadelphia." "Sir," Webster allegedly replied, "you may congratulate Philadelphia on the occasion."—John S. Morgan, *Noah Webster*

52 Eyeball Benders

- | | |
|------------------|---------------------------------|
| 1. Ford Pinto | 10. Cadillac |
| 2. Honda | 11. Chevrolet |
| 3. Rolls Royce | 12. Checker cab |
| 4. Toyota Celica | 13. Pontiac |
| 5. Chrysler | 14. U.S. Postal Service vehicle |
| 6. Oldsmobile | 15. Audi |
| Ninety-Eight | 16. Mack truck |
| 7. Mercedes Benz | 17. Volkswagen |
| 8. Jaguar | "Beetle" |
| 9. Mazda | |

28. The Soviet Union, or U.S.S.R., is mislabeled "U.R.S.S." (which would be correct on a French map).

- 29.-30. Albania and its capital Tirana are shown in what is actually the Soviet Union.

Bottom third

31. What is shown as the South Atlantic Ocean is part of the North Atlantic Ocean.
32. The Bay of Biscay is mislabeled "Bay of Biscayne."
33. Portugal should extend to the south coast of the Iberian peninsula, not to the north coast.
34. Spain is mislabeled "Spanish."
35. Gibraltar is much too large.
36. Africa is mislabeled "Asia Minor," a term actually used for most of the Asiatic part of Turkey.
37. "Mediterranean Sea" is misspelled.
38. The Balearic Islands are mislabeled "Canary Islands"; the Canaries are actually in the Atlantic Ocean.
39. Paris, not Marseilles, is the capital of France.
- 40.-41. The names of Sardinia and Corsica have been transposed.
42. Sicily is missing.
43. Part of Switzerland is incorporated into Italy; Switzerland should be considerably larger.
44. Italy is mislabeled "Roman Empire."
45. Italy's "boot" is flipped so that it points the wrong way.
46. Rome should be on the west coast, not the east coast, of Italy.
47. The Adriatic Sea is mislabeled "Aegean Sea."
48. Transylvania is not a country.
49. The Aegean Sea is mislabeled "Baltic Sea."
50. Bulgaria is missing, and has been incorporated into Romania.
51. The real Albania is mislabeled "Monaco."
52. The real Monaco is omitted (it's on the Riviera, on the southern coast of France).
- 53.-54. The capitals Budapest (Hungary) and Bucharest (Romania) have been transposed.
55. The part of Turkey that is west of the Dardanelles has been incorporated into Greece.
56. The Black Sea is mislabeled "Caspian Sea."
57. Afghanistan does not border Turkey or the Black Sea, but is much farther east.
58. Syria is mislabeled "Syrap."

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From Finish to Start

These are our answers: Ursula Andress, Bob Barker, Marc Chagall, Richard Dawson, Dale Evans, Rudolf Friml (operetta composer), Hugh Hefner, Jack Kerouac, Paul Lynde, Tom Mix, Ogden Nash, Yoko Ono, Walter Raleigh, Charles Schulz, Robert Taylor, Lew Wallace (author of *Ben Hur*), Cy Young, and Florenz Ziegfeld.

Patients, Please

Since patients one, three, and five contradicted one another, none of them could be telling the truth. Therefore, the truth-tellers are patients two and four, who share room 407.

Heads Up Football

1. The Patriots
2. The Steelers
3. The Vikings and the Rams
4. The Redskins and the Buccaneers
5. the Raiders and the Dolphins
6. The Buccaneers and the Patriots
7. The Buffalo Bills
8. The Browns

Observation Test



Secondary Characteristics

- | | |
|---------------------|--------------------|
| 1. RISE and ARISE | 8. SPY and ESPY |
| 2. ELECT and SELECT | 9. ASP and WASP |
| 3. OWL and FOWL | 10. RUDE and CRUDE |
| 4. OX and FOX | 11. LUTE and FLUTE |
| 5. RIM and BRIM | 12. LAG and FLAG |
| 6. LONE and ALONE | 13. REEL and CREEL |
| 7. IRE and FIRE | 14. HORN and THORN |

Vacation From Crime

If Dee had seen someone bury the box at the edge of the water at high tide that morning, the spot by the rock would no longer be at the edge of the water in the early afternoon. The tide would have gone out, leaving the spot high and dry.

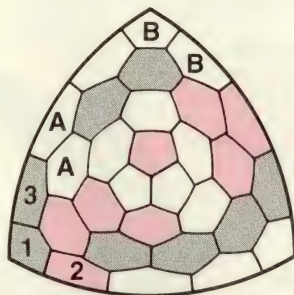
Car Stars

1. Thunderbird
2. Ford Torino
3. Dodge Charger
4. Corvette
5. Porsche
6. Volkswagen
7. Ferrari
8. 1928 Porter
9. Chrysler Imperial
10. Plymouth Fury

Mate Swapping

1. HENRY, hence, mince, mints, pants, panda, FONDA
2. HOWARD, reward, record, recoil, recall, re-sell, COSELL
3. HARVEY, hardly, harden, hidden, madden, madman, merman, KORMAN
4. IRVING, waving, wavier, walker, milker, marker, martyr, marten, marlin, BERLIN
5. SHELLEY, shellac, shelled, stalled, stooled, storied, storing, scaring, wearing, wearies, wearers, welters, WINTERS.

The Game of Y



By playing at the corner space marked 1, Gray insures a win. Pink must respond at 2 (otherwise Gray plays there and the game is over), but then Gray plays at 3. Pink cannot stop Gray from taking one of the two spaces marked A and one of the two spaces marked B, completing the connection to all three sides of the board.

Acreage

			1	2
	1	2	0	0
	2	5	0	
1	0	4	0	
1	0			

35 Cryptic Crossword 1

ACROSS

- 1 Acid test (dictates)
- 5 Scopes (s + copes)
- 10 Bison (B + is + on)
- 11 Dairymaid (myriad + aid)
- 12 Sidearm (is + dear + m)
- 13 Shallow (all + show)
- 14 Together (three got)
- 16 Yodel (off-keY ODE Lover)
- 19 Antic (an + tic)
- 21 Salt mine (ailments)
- 24 Retrial (trailer)
- 26 Measure (me + a + sure)
- 27 Corkscrew (rocks + crew)
- 28 Decor (worldwiDE CORporation)
- 29 Sowing (so + wing)
- 30 Armrests (arrests + m)

DOWN

- 1 Ambush (Ma + bush)
- 2 Inside-out (U/s edition)
- 3 Tinware (government IN WAR Effort)
- 4 Sodom (dooms)
- 6 Crybaby (crabby + y)
- 7 Pearl (r + peal)
- 8 Sidewalk (silk + awed)
- 9 Minstrel (enlist Mr.)
- 15 Hustlers (ruthless)
- 17 Denounces (den + ounces)
- 18 Barracks (bar + racks)
- 20 Crimson (rims + con)
- 22 Meander (meaner + d)
- 23 Hearts (Art + he's)
- 25 Threw (through)
- 26 Mower (worm + e)

35 Cryptic Crossword 2

ACROSS

- 1 In a mess (is + names)
- 5 Porsche (H + corpse)
- 9 Peril (p + lire)
- 10 Ad-libbing (L + I + Big Band)
- 11 Lollipops (pill + loops)
- 12 Into (colN TOss)
- 14 Maces (ms. + ace)
- 15 Thitherto (hot hitter)
- 16 Novitiate (invite to a)
- 19 Bwana (B/W + an + a)
- 21 Gobi (gob + I)
- 22 Soap opera (Pope + soar + a)
- 25 Treatment (tamer + tent)
- 26 Stool (loots)
- 27 Bathers (bat + hers)
- 28 Himself (Flemish)

DOWN

- 1 Impalement (a + implement, & lit.)
- 2 Acrylic (Alice - e + cry)
- 3 Eclairs (a slicer)
- 4 SEATO (sea + to)
- 5 Palestine (penalties)
- 6 Rubbish (BB + I + rush)
- 7 Critter (C + Ritter)
- 8 Ergo (ogre)
- 13 Roman à clef (for + manacle)
- 15 Teamsters (tea + masters - a)
- 17 Violent (violet + n)
- 18 Thistle (list the)
- 19 Blossom (loss + mob)
- 20 Acetone (ace + t + one)
- 23 Aitch (a + itch)
- 24 Stab (conSTABLE)

22 Band of Thieves: Hint

The six collections were based on the following themes: Cigar brand name repeated three times; two people depicted; words containing two sets of double vowels; initials; crowns; and numbers.

27 Mined Reading



29 Triograms

1. Keats takes steak.
2. Mister merits timers.
3. Steno notes onset.
4. Padres spread drapes.
5. Times emits items.
6. Rattles startle starlet.
7. Teals steal least.
8. Andrew warned warden.
9. Spriest priests persist.
10. Discounter introduces reductions.

27 An Arm and a Leg

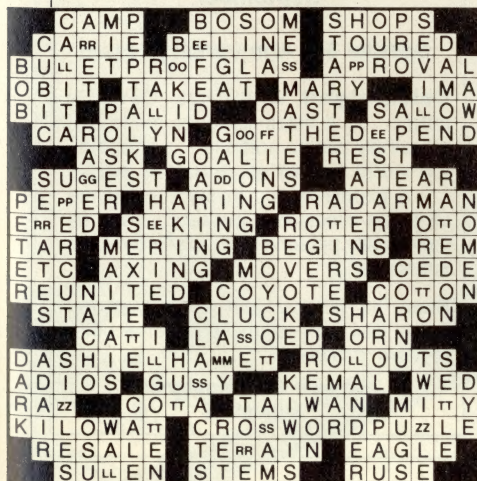
- | | |
|--------------------|------------------------|
| 1. Armstrong | 11. A Farewell to Arms |
| 2. "Break a leg!" | 12. On one's last legs |
| 3. Bootlegger | 13. At arm's length |
| 4. Coat of arms | 14. Pull one's leg |
| 5. Daddy-longlegs | 15. Legs Diamond |
| 6. Shot in the arm | 16. Up in arms |
| 7. Armageddon | 17. One-armed bandit |
| 8. Dogleg | 18. Sea legs |
| 9. With open arms | 19. Arms and the Man |
| 10. "Shake a leg!" | 20. Lego |

26 Pictogram

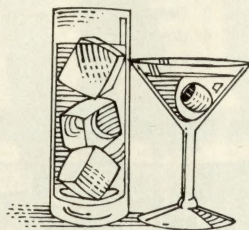
- | | | |
|---------------|-------------|----------------|
| 1. AttiC | 8. Diploma | 15. Shark |
| 2. AnT | 9. LaW | 16. EmbroiderY |
| 3. Hemisphere | 10. AshtraY | 17. SpatulA |
| 4. DirectoR | 11. Stadium | 18. Newsstand |
| 5. Angel | 12. IroN | 19. PiratE |
| 6. GnU | 13. DresS | 20. Walrus |
| 7. AnchoR | 14. Hawaii | |

Pun: "A cathedral guard always minds his keys and pews."

31 Double Occupancy



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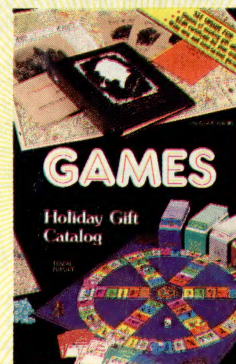


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Fake Ad

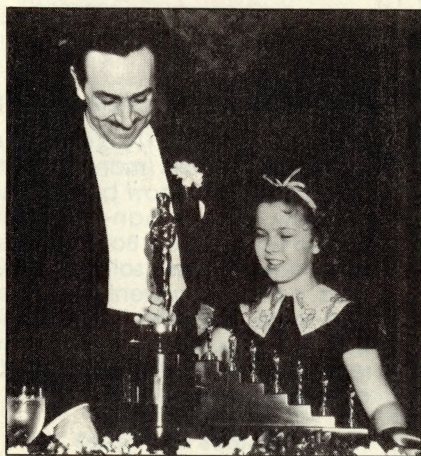
The Fake Ad announced in the Table of Contents was for *The International Crossword Puzzle Roundup* and appeared on page 19.

29 Pundemonium



43 The Wonderful World of Disney

- The background is the dwarfs' cottage from *Snow White and the Seven Dwarfs*. In the tree is the Cheshire Cat (*Alice in Wonderland*); flying overhead is (title character) Dumbo, and (title character) Pinocchio is on the walkway; in the foreground are Flower the skunk (*Bambi*) and Shere Kahn the tiger (*The Jungle Book*); on the right is the pumpkin coach (*Cinderella*).
- The correct order is d, e, c, b, a. Picture d represents Mickey's first design, in early 1928; e, *Steamboat Willie*, his third film, late 1928; c, *Wild Waves*, 1930; b, *Fantasia*, 1940; and a, TV's *Mickey Mouse Club*, 1955.
- (a) Hitchcock never worked with Disney.
- Jenny Wren was based on Mae West, who wrote Disney to thank him for the flattering portrayal. Tinker Bell was modeled after Marilyn Monroe.
- (a) *Dumbo*
(b) *Snow White and the Seven Dwarfs*
(c) "When You Wish Upon a Star" (from *Pinocchio*)
- (a) The Mad Hatter, *Alice in Wonderland*; (5) Ed Wynn
(b) Sir Hiss, from *Robin Hood*; (6) Terry-Thomas



Shirley Temple presents Disney's eight-part Oscar for "Snow White" (1939)

51 Games & Books

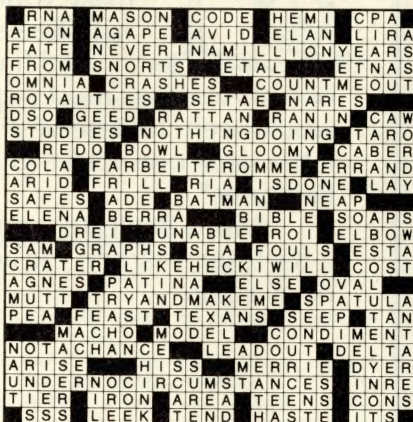
Stage II

The answers to the individual questions are:

- (The) End
- play
- Defense
- down

All of the answers are football terms.

39 Refuse Collection



On Top of the World Cover

Clockwise from upper left: Chrysler Building, New York City; Jefferson Memorial, Washington, DC; Eiffel Tower, Paris; Space Needle, Seattle; Transamerica Pyramid, San Francisco; Parthenon, Athens. **Center:** Colosseum, Rome.

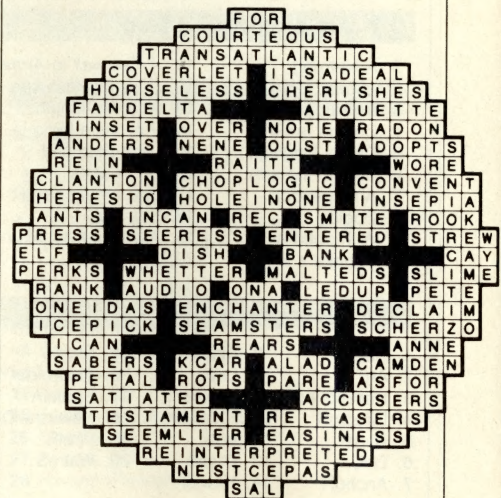
Photo credits: Chrysler Building and Eiffel Tower, Peter B. Kaplan; Jefferson Memorial and Transamerica Pyramid, Robert W. Cameron; Space Needle, Parthenon, and Colosseum, Charles E. Rotkin.

32 Think You've Got It Bad?

Taxi driver: M and E
Tennis player: L and F
Child: F and A
Debutante: B and J
Actor: D and I
Spy: E and K
Album listener: G and C
Lunatic: A and M
Judge: C and L
Pool player: J and D
Barbershop patron: I and G
Waitress: K and H
Catcher: H and B

From March

Qualifying Puzzle, page 39
1985 U.S. Open
Crossword Championship



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Who called Tallulah Bankhead "as pure as the driven slush"?⁴

What parts of the body account for one quarter of all its bones?⁵

How many weeks a year does the typical office worker spend on coffee breaks?⁶

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